

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX030822\
 Data File : VX027333.D
 Acq On : 08 Mar 2022 15:29
 Operator : JC/MD
 Sample : VSTDICC150
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC150

Quant Time: Mar 08 15:51:44 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X030822W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 08 15:44:16 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 03/09/2022
 Supervised By : Mahesh Dadoda 03/09/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.556	168	347202	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	566623	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	535143	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	270530	50.000	ug/l	# 0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.958	65	619202	153.682	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 307.360%#	
35) Dibromofluoromethane	5.391	113	553511	151.741	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 303.480%#	
50) Toluene-d8	8.653	98	2084891	151.308	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 302.620%#	
62) 4-Bromofluorobenzene	11.085	95	816860	156.649	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 313.300%#	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.166	85	526611	147.566	ug/l	99
3) Chloromethane	1.288	50	515417	135.502	ug/l	100
4) Vinyl Chloride	1.374	62	561334	145.150	ug/l	98
5) Bromomethane	1.593	94	220997	126.856	ug/l	100
6) Chloroethane	1.666	64	241393	94.201	ug/l	98
7) Trichlorofluoromethane	1.874	101	757340	139.784	ug/l	97
8) Diethyl Ether	2.136	74	297239	140.989	ug/l	94
9) 1,1,2-Trichlorotrifluo...	2.319	101	489843	138.017	ug/l	96
10) Methyl Iodide	2.447	142	760410	154.827	ug/l	100
11) Tert butyl alcohol	2.995	59	624961	797.282	ug/l	99
12) 1,1-Dichloroethene	2.312	96	488979	144.331	ug/l	95
13) Acrolein	2.239	56	429451	777.521	ug/l	98
14) Allyl chloride	2.660	41	785089	148.413	ug/l	95
15) Acrylonitrile	3.068	53	1525624	726.523	ug/l	100
16) Acetone	2.386	43	1191182	655.734	ug/l	98
17) Carbon Disulfide	2.501	76	1293764	139.854	ug/l	100
18) Methyl Acetate	2.709	43	640883	142.846	ug/l	97
19) Methyl tert-butyl Ether	3.117	73	1642917	146.762	ug/l	99
20) Methylene Chloride	2.788	84	551132	137.378	ug/l	99
21) trans-1,2-Dichloroethene	3.087	96	523853	138.154	ug/l	99
22) Diisopropyl ether	3.770	45	1539636	145.044	ug/l	99
23) Vinyl Acetate	3.727	43	6589507	745.399	ug/l	98
24) 1,1-Dichloroethane	3.611	63	929145	143.986	ug/l	99
25) 2-Butanone	4.568	43	2035567	725.967	ug/l	99
26) 2,2-Dichloropropane	4.477	77	704938	154.080	ug/l	98
27) cis-1,2-Dichloroethene	4.489	96	623909	142.517	ug/l	95
28) Bromochloromethane	4.903	49	380058	141.092	ug/l	96
29) Tetrahydrofuran	5.013	42	1348342	726.909	ug/l	93
30) Chloroform	5.099	83	970354	142.183	ug/l	99
31) Cyclohexane	5.470	56	830243	145.769	ug/l	97
32) 1,1,1-Trichloroethane	5.385	97	862461	148.987	ug/l	98
36) 1,1-Dichloropropene	5.696	75	731434	142.964	ug/l	99
37) Ethyl Acetate	4.721	43	782501	145.507	ug/l	100
38) Carbon Tetrachloride	5.678	117	769273	145.883	ug/l	98
39) Methylcyclohexane	7.385	83	925742	143.350	ug/l	98
40) Benzene	6.043	78	2161199	137.904	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX030822\
 Data File : VX027333.D
 Acq On : 08 Mar 2022 15:29
 Operator : JC/MD
 Sample : VSTDICC150
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC150

Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/09/2022
 Supervised By : Mahesh Dadoda 03/09/2022

Quant Time: Mar 08 15:51:44 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X030822W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 08 15:44:16 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	431364	149.423	ug/l	95
42) 1,2-Dichloroethane	6.092	62	729394	143.349	ug/l	100
43) Isopropyl Acetate	6.348	43	1234726	153.702	ug/l	99
44) Trichloroethene	7.129	130	604664	140.961	ug/l	96
45) 1,2-Dichloropropane	7.433	63	560690	143.720	ug/l	98
46) Dibromomethane	7.580	93	400756	144.513	ug/l	99
47) Bromodichloromethane	7.824	83	763007	149.882	ug/l	99
48) Methyl methacrylate	7.696	41	620188	155.572	ug/l	93
49) 1,4-Dioxane	7.665	88	306467	2901.745	ug/l	98
51) 4-Methyl-2-Pentanone	8.580	43	3904016	717.729	ug/l	99
52) Toluene	8.720	92	1429228	144.045	ug/l	98
53) t-1,3-Dichloropropene	8.982	75	866572	169.528	ug/l	99
54) cis-1,3-Dichloropropene	8.372	75	931234	160.743	ug/l	98
55) 1,1,2-Trichloroethane	9.153	97	596498	144.057	ug/l	98
56) Ethyl methacrylate	9.122	69	959218	159.821	ug/l	94
57) 1,3-Dichloropropane	9.311	76	961945	143.880	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.250	63	2354840	772.573	ug/l	99
59) 2-Hexanone	9.439	43	3033844	722.884	ug/l	97
60) Dibromochloromethane	9.525	129	658829	158.396	ug/l	96
61) 1,2-Dibromoethane	9.616	107	647812	153.014	ug/l	100
64) Tetrachloroethene	9.275	164	507346	132.681	ug/l	97
65) Chlorobenzene	10.079	112	1593094	139.913	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	593570	150.954	ug/l	99
67) Ethyl Benzene	10.195	91	2778389	141.794	ug/l	97
68) m/p-Xylenes	10.305	106	2211264	288.498	ug/l	96
69) o-Xylene	10.646	106	1100311	145.625	ug/l	97
70) Styrene	10.659	104	1841790	147.092	ug/l	99
71) Bromoform	10.805	173	507940	159.712	ug/l #	99
73) Isopropylbenzene	10.963	105	2784085	138.993	ug/l	99
74) N-amyl acetate	10.848	43	1110727	154.339	ug/l	94
75) 1,1,2,2-Tetrachloroethane	11.219	83	926769	133.864	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	817054m	135.427	ug/l	
77) Bromobenzene	11.201	156	710601	140.886	ug/l	96
78) n-propylbenzene	11.305	91	3197983	142.494	ug/l	97
79) 2-Chlorotoluene	11.366	91	1945351	137.990	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	2410613	140.632	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.024	75	310353	174.664	ug/l	99
82) 4-Chlorotoluene	11.457	91	2232439	140.356	ug/l	98
83) tert-Butylbenzene	11.719	119	2428538	141.949	ug/l	97
84) 1,2,4-Trimethylbenzene	11.756	105	2408406	141.861	ug/l	99
85) sec-Butylbenzene	11.896	105	2957641	143.600	ug/l	99
86) p-Isopropyltoluene	12.012	119	2537939	145.921	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	1337811	141.234	ug/l	98
88) 1,4-Dichlorobenzene	12.042	146	1328803	138.065	ug/l	99
89) n-Butylbenzene	12.335	91	2208968	152.791	ug/l	98
90) Hexachloroethane	12.542	117	430247	161.471	ug/l	99
91) 1,2-Dichlorobenzene	12.335	146	1289410	137.482	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	221827	156.916	ug/l	98
93) 1,2,4-Trichlorobenzene	13.591	180	931472	154.145	ug/l	99
94) Hexachlorobutadiene	13.725	225	391420	146.467	ug/l	94
95) Naphthalene	13.780	128	3109241	153.088	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	928220	153.622	ug/l	95

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX030822\
Data File : VX027333.D
Acq On : 08 Mar 2022 15:29
Operator : JC/MD
Sample : VSTDICC150
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Manual Integrations
APPROVED

Reviewed By : John Carlone 03/09/2022
Supervised By : Mahesh Dadoda 03/09/2022

Quant Time: Mar 08 15:51:44 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X030822W.M
Quant Title : SW846 8260
QLast Update : Tue Mar 08 15:44:16 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
----------	------	------	----------	------	-------	----------

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Manual Integrations

Quant Time: Mar 08 15:51:44 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X030822W.M
Quant Title : SW846 8260
QLast Update : Tue Mar 08 15:44:16 2022
Response via : Initial Calibration

