

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051222\
 Data File : VX028637.D
 Acq On : 12 May 2022 14:26
 Operator : JC/MD
 Sample : VSTDICC150
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC150

Quant Time: May 12 14:52:45 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051222W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 12 14:29:00 2022
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :John Carlone 05/13/2022
 Supervised By :Mahesh Dadoda 05/13/2022

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	221937	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	373116	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	357578	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	182788	50.000	ug/l	# 0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	452071	153.935	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 307.880%#			
35) Dibromofluoromethane	5.391	113	370984	142.214	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 284.420%#			
50) Toluene-d8	8.653	98	1387782	138.901	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 277.800%#			
62) 4-Bromofluorobenzene	11.085	95	550514	144.881	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 289.760%#			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.167	85	432711	253.260	ug/l	99
3) Chloromethane	1.288	50	370564	199.758	ug/l	99
4) Vinyl Chloride	1.374	62	413738	173.298	ug/l	99
5) Bromomethane	1.593	94	283863	123.057	ug/l	100
6) Chloroethane	1.666	64	262862	125.163	ug/l	98
7) Trichlorofluoromethane	1.874	101	651004	130.830	ug/l	98
8) Diethyl Ether	2.136	74	241622	139.989	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.325	101	345885	176.662	ug/l	96
10) Methyl Iodide	2.447	142	464377	190.922	ug/l	95
11) Tert butyl alcohol	2.995	59	465210	752.690	ug/l	100
12) 1,1-Dichloroethene	2.313	96	334702	180.824	ug/l	100
13) Acrolein	2.240	56	340599	933.113	ug/l	99
14) Allyl chloride	2.660	41	548882	181.013	ug/l	93
15) Acrylonitrile	3.069	53	1052423	855.511	ug/l	100
16) Acetone	2.386	43	879443	860.096	ug/l	94
17) Carbon Disulfide	2.508	76	903007	183.817	ug/l	99
18) Methyl Acetate	2.703	43	465749	171.696	ug/l	96
19) Methyl tert-butyl Ether	3.117	73	1199470	164.416	ug/l	99
20) Methylene Chloride	2.788	84	377422	166.340	ug/l	94
21) trans-1,2-Dichloroethene	3.087	96	377075	158.028	ug/l	99
22) Diisopropyl ether	3.764	45	1125295	165.790	ug/l	91
23) Vinyl Acetate	3.727	43	5003577	845.060	ug/l	98
24) 1,1-Dichloroethane	3.611	63	661628	164.271	ug/l	99
25) 2-Butanone	4.562	43	1470408	828.636	ug/l	97
26) 2,2-Dichloropropane	4.477	77	562769	149.259	ug/l	98
27) cis-1,2-Dichloroethene	4.489	96	437369	154.797	ug/l	98
28) Bromochloromethane	4.904	49	266231	160.932	ug/l	95
29) Tetrahydrofuran	5.007	42	954714	823.877	ug/l	93
30) Chloroform	5.099	83	710191	150.873	ug/l	99
31) Cyclohexane	5.471	56	603614	163.425	ug/l	97
32) 1,1,1-Trichloroethane	5.385	97	645000	152.201	ug/l	100
36) 1,1-Dichloropropene	5.696	75	532501	152.050	ug/l	100
37) Ethyl Acetate	4.721	43	573323	159.993	ug/l	97
38) Carbon Tetrachloride	5.678	117	567470	146.402	ug/l	99
39) Methylcyclohexane	7.385	83	618125	141.854	ug/l	96
40) Benzene	6.044	78	1523674	149.806	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051222\
 Data File : VX028637.D
 Acq On : 12 May 2022 14:26
 Operator : JC/MD
 Sample : VSTDICC150
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC150

Quant Time: May 12 14:52:45 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051222W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 12 14:29:00 2022
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :John Carlone 05/13/2022
 Supervised By :Mahesh Dadoda 05/13/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	304604	164.933	ug/l	94
42) 1,2-Dichloroethane	6.092	62	556097	147.208	ug/l	98
43) Isopropyl Acetate	6.342	43	939493	162.342	ug/l	95
44) Trichloroethene	7.129	130	426140	145.304	ug/l	97
45) 1,2-Dichloropropane	7.434	63	384728	153.593	ug/l	97
46) Dibromomethane	7.580	93	290837	149.111	ug/l	93
47) Bromodichloromethane	7.824	83	564857	151.308	ug/l	98
48) Methyl methacrylate	7.696	41	452246	168.403	ug/l	87
49) 1,4-Dioxane	7.665	88	211274	3019.962	ug/l	97
51) 4-Methyl-2-Pentanone	8.580	43	2949917	792.042	ug/l	96
52) Toluene	8.720	92	996191	142.309	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	639941	162.246	ug/l	100
54) cis-1,3-Dichloropropene	8.373	75	669616	157.056	ug/l #	90
55) 1,1,2-Trichloroethane	9.153	97	412200	144.786	ug/l	98
56) Ethyl methacrylate	9.122	69	684148	164.561	ug/l #	85
57) 1,3-Dichloropropane	9.311	76	691334	149.479	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.251	63	1595105	825.056	ug/l	98
59) 2-Hexanone	9.439	43	2313887	800.445	ug/l	93
60) Dibromochloromethane	9.525	129	455172	149.210	ug/l	97
61) 1,2-Dibromoethane	9.610	107	447316	144.868	ug/l	100
64) Tetrachloroethene	9.275	164	378346	133.883	ug/l	95
65) Chlorobenzene	10.080	112	1100136	142.914	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	415533	145.977	ug/l	99
67) Ethyl Benzene	10.195	91	1967606	150.974	ug/l	99
68) m/p-Xylenes	10.305	106	1549289	294.702	ug/l	99
69) o-Xylene	10.647	106	775963	148.431	ug/l	100
70) Styrene	10.659	104	1319812	155.097	ug/l	98
71) Bromoform	10.805	173	338417	152.640	ug/l	99
73) Isopropylbenzene	10.964	105	1975895	152.968	ug/l	100
74) N-amyl acetate	10.848	43	859975	186.575	ug/l	91
75) 1,1,2,2-Tetrachloroethane	11.214	83	659494	156.674	ug/l	100
76) 1,2,3-Trichloropropane	11.244	75	590203m	158.280	ug/l	
77) Bromobenzene	11.201	156	484875	146.085	ug/l	96
78) n-propylbenzene	11.305	91	2311060	160.349	ug/l	99
79) 2-Chlorotoluene	11.366	91	1394121	156.291	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	1701237	155.941	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.025	75	225765	181.493	ug/l	93
82) 4-Chlorotoluene	11.457	91	1634569	158.876	ug/l	99
83) tert-Butylbenzene	11.720	119	1647515	149.185	ug/l	95
84) 1,2,4-Trimethylbenzene	11.756	105	1704434	157.176	ug/l	100
85) sec-Butylbenzene	11.896	105	2020252	151.149	ug/l	100
86) p-Isopropyltoluene	12.012	119	1732210	150.821	ug/l	97
87) 1,3-Dichlorobenzene	11.969	146	934443	149.875	ug/l	98
88) 1,4-Dichlorobenzene	12.043	146	938864	143.715	ug/l	98
89) n-Butylbenzene	12.335	91	1522257	159.354	ug/l	99
90) Hexachloroethane	12.543	117	308651	168.126	ug/l	89
91) 1,2-Dichlorobenzene	12.335	146	903245	145.791	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	161655	173.137	ug/l	94
93) 1,2,4-Trichlorobenzene	13.591	180	556668	151.016	ug/l	99
94) Hexachlorobutadiene	13.725	225	211202	129.730	ug/l	95
95) Naphthalene	13.780	128	2013829	162.492	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	549068	152.131	ug/l	95

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051222\
Data File : VX028637.D
Acq On : 12 May 2022 14:26
Operator : JC/MD
Sample : VSTDICC150
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Manual Integrations
APPROVED

Reviewed By : John Carlone 05/13/2022
Supervised By : Mahesh Dadoda 05/13/2022

Quant Time: May 12 14:52:45 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051222W.M
Quant Title : SW846 8260
QLast Update : Thu May 12 14:29:00 2022
Response via : Initial Calibration

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

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

