

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032622\
 Data File : VX027722.D
 Acq On : 26 Mar 2022 13:13
 Operator : JC/MD
 Sample : VX0326WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0326WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/28/2022
 Supervised By : Mahesh Dadoda 03/28/2022

Quant Time: Mar 28 05:14:26 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032522W.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 25 16:26:59 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	63534	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	108711	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	94711	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	42645	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	54174	51.988	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 103.980%			
35) Dibromofluoromethane	5.391	113	36569	51.225	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 102.440%			
50) Toluene-d8	8.653	98	139067	50.393	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 100.780%			
62) 4-Bromofluorobenzene	11.079	95	49734	44.414	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 88.820%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	12413	16.843	ug/l	97
3) Chloromethane	1.294	50	13559	17.756	ug/l	99
4) Vinyl Chloride	1.374	62	13691	18.666	ug/l	95
5) Bromomethane	1.599	94	5405	18.354	ug/l	95
6) Chloroethane	1.672	64	8482	18.020	ug/l	98
7) Trichlorofluoromethane	1.880	101	20895	19.299	ug/l	97
8) Diethyl Ether	2.136	74	7796	19.952	ug/l	82
9) 1,1,2-Trichlorotrifluo...	2.325	101	13667	18.876	ug/l #	90
10) Methyl Iodide	2.447	142	15349	21.929	ug/l	91
11) Tert butyl alcohol	2.971	59	20428	105.289	ug/l	97
12) 1,1-Dichloroethene	2.319	96	13602	20.155	ug/l	94
13) Acrolein	2.239	56	11458	84.370	ug/l	99
14) Allyl chloride	2.660	41	28163	22.059	ug/l #	88
15) Acrylonitrile	3.069	53	52285	110.041	ug/l	99
16) Acetone	2.386	43	45581	103.428	ug/l	91
17) Carbon Disulfide	2.508	76	32793	18.112	ug/l	98
18) Methyl Acetate	2.709	43	24672	21.891	ug/l #	87
19) Methyl tert-butyl Ether	3.117	73	52835	21.326	ug/l	95
20) Methylene Chloride	2.788	84	16319	20.755	ug/l #	78
21) trans-1,2-Dichloroethene	3.093	96	14670	19.543	ug/l	87
22) Diisopropyl ether	3.764	45	52719	20.725	ug/l #	84
23) Vinyl Acetate	3.727	43	233418	104.935	ug/l #	89
24) 1,1-Dichloroethane	3.605	63	30866	21.414	ug/l	96
25) 2-Butanone	4.562	43	68496	96.779	ug/l	92
26) 2,2-Dichloropropane	4.477	77	21895	19.865	ug/l	97
27) cis-1,2-Dichloroethene	4.489	96	17096	20.447	ug/l	91
28) Bromochloromethane	4.897	49	11924	20.740	ug/l #	7
29) Tetrahydrofuran	5.013	42	46296	118.099	ug/l #	85
30) Chloroform	5.105	83	30759	21.296	ug/l	88
31) Cyclohexane	5.471	56	26340	20.846	ug/l	89
32) 1,1,1-Trichloroethane	5.385	97	25730	20.044	ug/l	96
36) 1,1-Dichloropropene	5.696	75	21297	18.887	ug/l	98
37) Ethyl Acetate	4.721	43	26510	20.198	ug/l	96
38) Carbon Tetrachloride	5.684	117	22012	19.976	ug/l	92
39) Methylcyclohexane	7.379	83	25475	19.640	ug/l	91
40) Benzene	6.037	78	65008	20.871	ug/l	95

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032622\
 Data File : VX027722.D
 Acq On : 26 Mar 2022 13:13
 Operator : JC/MD
 Sample : VX0326WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0326WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/28/2022
 Supervised By : Mahesh Dadoda 03/28/2022

Quant Time: Mar 28 05:14:26 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032522W.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 25 16:26:59 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	14301	20.802	ug/l	90
42) 1,2-Dichloroethane	6.092	62	27223	20.559	ug/l	94
43) Isopropyl Acetate	6.348	43	42005	21.191	ug/l #	91
44) Trichloroethene	7.129	130	15525	19.264	ug/l	85
45) 1,2-Dichloropropane	7.434	63	16551	20.247	ug/l	91
46) Dibromomethane	7.586	93	11960	20.445	ug/l	89
47) Bromodichloromethane	7.824	83	23003	20.079	ug/l #	94
48) Methyl methacrylate	7.696	41	20243	20.947	ug/l #	83
49) 1,4-Dioxane	7.659	88	8980	429.434	ug/l	95
51) 4-Methyl-2-Pentanone	8.574	43	137017	100.692	ug/l	89
52) Toluene	8.720	92	39244	20.153	ug/l	97
53) t-1,3-Dichloropropene	8.982	75	22471	18.762	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	25645	20.305	ug/l #	81
55) 1,1,2-Trichloroethane	9.153	97	16211	20.491	ug/l	94
56) Ethyl methacrylate	9.116	69	26884	20.791	ug/l #	78
57) 1,3-Dichloropropane	9.311	76	29507	20.676	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	62509	94.421	ug/l	94
59) 2-Hexanone	9.433	43	108588	102.117	ug/l	84
60) Dibromochloromethane	9.525	129	15217	19.884	ug/l	95
61) 1,2-Dibromoethane	9.610	107	16968	20.085	ug/l	98
64) Tetrachloroethene	9.275	164	15051	22.518	ug/l	93
65) Chlorobenzene	10.079	112	40465	20.279	ug/l	95
66) 1,1,1,2-Tetrachloroethane	10.165	131	14186	20.686	ug/l	96
67) Ethyl Benzene	10.195	91	78700	21.176	ug/l	97
68) m/p-Xylenes	10.305	106	57960	43.026	ug/l	91
69) o-Xylene	10.640	106	28529	21.076	ug/l	91
70) Styrene	10.659	104	47762	22.195	ug/l #	92
71) Bromoform	10.799	173	10109	20.346	ug/l #	98
73) Isopropylbenzene	10.963	105	69049	19.713	ug/l	98
74) N-amyl acetate	10.842	43	31559	18.773	ug/l #	88
75) 1,1,2,2-Tetrachloroethane	11.213	83	23183	18.784	ug/l	98
76) 1,2,3-Trichloropropane	11.244	75	22243m	18.733	ug/l	
77) Bromobenzene	11.201	156	15863	20.498	ug/l	88
78) n-propylbenzene	11.305	91	80781	19.438	ug/l	99
79) 2-Chlorotoluene	11.366	91	49379	18.847	ug/l	95
80) 1,3,5-Trimethylbenzene	11.457	105	62485	20.755	ug/l	97
81) trans-1,4-Dichloro-2-b...	11.018	75	6266	17.963	ug/l #	83
82) 4-Chlorotoluene	11.457	91	57067	18.935	ug/l	97
83) tert-Butylbenzene	11.719	119	55972	20.238	ug/l	87
84) 1,2,4-Trimethylbenzene	11.756	105	61018	19.969	ug/l	96
85) sec-Butylbenzene	11.890	105	73151	20.191	ug/l	96
86) p-Isopropyltoluene	12.012	119	59615	20.908	ug/l	94
87) 1,3-Dichlorobenzene	11.969	146	30148	20.836	ug/l	96
88) 1,4-Dichlorobenzene	12.043	146	30346	20.246	ug/l	95
89) n-Butylbenzene	12.335	91	52596	19.484	ug/l	97
90) Hexachloroethane	12.542	117	8560	18.812	ug/l	99
91) 1,2-Dichlorobenzene	12.335	146	30022	21.398	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	12.945	75	5363	17.729	ug/l	78
93) 1,2,4-Trichlorobenzene	13.591	180	17820	21.550	ug/l	98
94) Hexachlorobutadiene	13.725	225	9047	22.467	ug/l	95
95) Naphthalene	13.780	128	66968	22.051	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	17992	21.766	ug/l	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032622\
Data File : VX027722.D
Acq On : 26 Mar 2022 13:13
Operator : JC/MD
Sample : VX0326WBS01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0326WBS01

Manual Integrations
APPROVED

Reviewed By :John Carlone 03/28/2022
Supervised By :Mahesh Dadoda 03/28/2022

Quant Time: Mar 28 05:14:26 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032522W.M
Quant Title : SW846 8260
QLast Update : Fri Mar 25 16:26:59 2022
Response via : Initial Calibration

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

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

