

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041422\
 Data File : VX028099.D
 Acq On : 14 Apr 2022 11:45
 Operator : JC/MD
 Sample : VX0414WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0414WBSD01

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 04/15/2022
 Supervised By :Mahesh Dadoda 04/15/2022

Quant Time: Apr 15 03:12:04 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X041222W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 12 22:07:23 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	174208	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	281117	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	263766	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	137167	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	120636	51.043	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 102.080%			
35) Dibromofluoromethane	5.385	113	97733	53.056	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 106.120%			
50) Toluene-d8	8.647	98	366279	53.315	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 106.620%			
62) 4-Bromofluorobenzene	11.079	95	128557	50.117	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 100.240%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	32947	19.478	ug/l	98
3) Chloromethane	1.288	50	39483	21.091	ug/l	99
4) Vinyl Chloride	1.374	62	48990	21.768	ug/l	97
5) Bromomethane	1.605	94	66733	27.936	ug/l	98
6) Chloroethane	1.685	64	43715	24.991	ug/l	94
7) Trichlorofluoromethane	1.886	101	118928	26.945	ug/l	98
8) Diethyl Ether	2.130	74	42861	25.339	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.325	101	36180	20.604	ug/l	95
10) Methyl Iodide	2.453	142	40586	19.848	ug/l	96
11) Tert butyl alcohol	2.965	59	54094	98.602	ug/l	100
12) 1,1-Dichloroethene	2.319	96	35043	20.380	ug/l	96
13) Acrolein	2.233	56	26030	85.554	ug/l	100
14) Allyl chloride	2.666	41	58109	19.095	ug/l	88
15) Acrylonitrile	3.062	53	115966	102.010	ug/l	99
16) Acetone	2.380	43	97524	99.039	ug/l	92
17) Carbon Disulfide	2.514	76	90495	20.027	ug/l	99
18) Methyl Acetate	2.703	43	52343	19.921	ug/l	94
19) Methyl tert-butyl Ether	3.111	73	134847	20.881	ug/l	98
20) Methylene Chloride	2.788	84	40454	20.626	ug/l	91
21) trans-1,2-Dichloroethene	3.093	96	40107	19.471	ug/l	98
22) Diisopropyl ether	3.757	45	127177	19.474	ug/l #	76
23) Vinyl Acetate	3.721	43	592745	102.148	ug/l	95
24) 1,1-Dichloroethane	3.611	63	70985	20.079	ug/l	98
25) 2-Butanone	4.556	43	166878	98.042	ug/l	95
26) 2,2-Dichloropropane	4.477	77	64745	19.727	ug/l	98
27) cis-1,2-Dichloroethene	4.489	96	47100	20.285	ug/l	98
28) Bromochloromethane	4.897	49	31780	20.914	ug/l	94
29) Tetrahydrofuran	5.001	42	105931	95.219	ug/l	93
30) Chloroform	5.092	83	77513	19.718	ug/l	99
31) Cyclohexane	5.470	56	64820	19.946	ug/l	98
32) 1,1,1-Trichloroethane	5.379	97	68928	19.359	ug/l	98
36) 1,1-Dichloropropene	5.696	75	56230	20.001	ug/l	99
37) Ethyl Acetate	4.708	43	65442	19.982	ug/l	95
38) Carbon Tetrachloride	5.672	117	59807	19.926	ug/l	96
39) Methylcyclohexane	7.379	83	67278	20.244	ug/l	94
40) Benzene	6.037	78	165788	20.279	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	33901	19.457	ug/l	92
42) 1,2-Dichloroethane	6.086	62	63364	20.526	ug/l	97
43) Isopropyl Acetate	6.336	43	107846	19.765	ug/l	93
44) Trichloroethene	7.129	130	44958	20.681	ug/l	100
45) 1,2-Dichloropropane	7.427	63	41811	20.294	ug/l	97
46) Dibromomethane	7.580	93	31281	20.581	ug/l	95
47) Bromodichloromethane	7.824	83	59856	20.377	ug/l	96
48) Methyl methacrylate	7.690	41	48448	19.451	ug/l #	83
49) 1,4-Dioxane	7.665	88	23310	419.201	ug/l #	92
51) 4-Methyl-2-Pentanone	8.574	43	338842	97.401	ug/l	91
52) Toluene	8.720	92	108407	19.876	ug/l	100
53) t-1,3-Dichloropropene	8.982	75	66517	20.048	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	68944	20.034	ug/l #	88
55) 1,1,2-Trichloroethane	9.153	97	44979	20.343	ug/l	99
56) Ethyl methacrylate	9.116	69	67950	19.552	ug/l #	79
57) 1,3-Dichloropropane	9.311	76	74228	20.251	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	181917	115.971	ug/l	100
59) 2-Hexanone	9.433	43	262364	96.296	ug/l	88
60) Dibromochloromethane	9.525	129	45537	19.267	ug/l	98
61) 1,2-Dibromoethane	9.610	107	47473	19.714	ug/l	97
64) Tetrachloroethene	9.275	164	44313	21.174	ug/l	95
65) Chlorobenzene	10.079	112	118155	20.530	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	43568	20.488	ug/l	98
67) Ethyl Benzene	10.195	91	209212	20.643	ug/l	100
68) m/p-Xylenes	10.305	106	163144	38.550	ug/l	99
69) o-Xylene	10.646	106	80910	19.668	ug/l	99
70) Styrene	10.659	104	134276	19.695	ug/l	99
71) Bromoform	10.799	173	33684	19.383	ug/l #	100
73) Isopropylbenzene	10.963	105	213306	21.890	ug/l	99
74) N-amyl acetate	10.841	43	89554	21.265	ug/l #	88
75) 1,1,2,2-Tetrachloroethane	11.213	83	71332	20.954	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	65778m	21.541	ug/l	
77) Bromobenzene	11.201	156	51085	21.460	ug/l	96
78) n-propylbenzene	11.305	91	246577	21.773	ug/l	100
79) 2-Chlorotoluene	11.366	91	142566	20.759	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	180973	21.500	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	21432	19.767	ug/l	89
82) 4-Chlorotoluene	11.457	91	166048	20.539	ug/l	98
83) tert-Butylbenzene	11.719	119	175649	21.568	ug/l	97
84) 1,2,4-Trimethylbenzene	11.756	105	178879	21.706	ug/l	99
85) sec-Butylbenzene	11.890	105	220020	21.167	ug/l	99
86) p-Isopropyltoluene	12.012	119	187550	21.294	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	97070	20.928	ug/l	98
88) 1,4-Dichlorobenzene	12.042	146	100750	20.707	ug/l	100
89) n-Butylbenzene	12.335	91	160351	21.270	ug/l	98
90) Hexachloroethane	12.542	117	30745	20.776	ug/l	93
91) 1,2-Dichlorobenzene	12.335	146	99374	21.442	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	12.945	75	16022	21.393	ug/l	96
93) 1,2,4-Trichlorobenzene	13.591	180	61158	23.598	ug/l	99
94) Hexachlorobutadiene	13.725	225	24064	23.011	ug/l	94
95) Naphthalene	13.780	128	215809	23.843	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	61775	24.086	ug/l	95

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

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