

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040222\
 Data File : VX027926.D
 Acq On : 02 Apr 2022 12:26
 Operator : JC/MD
 Sample : VX0402WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0402WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 04/04/2022
 Supervised By : Mahesh Dadoda 04/04/2022

Quant Time: Apr 04 04:13:45 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032922W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 30 04:39:27 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	64084	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	107136	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	98398	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	48256	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	46413	56.132	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 112.260%			
35) Dibromofluoromethane	5.385	113	35579	51.449	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 102.900%			
50) Toluene-d8	8.647	98	119785	49.231	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 98.460%			
62) 4-Bromofluorobenzene	11.085	95	50996	49.319	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 98.640%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	11403	19.637	ug/l	98
3) Chloromethane	1.294	50	8841	17.229	ug/l	99
4) Vinyl Chloride	1.374	62	9512	18.075	ug/l	99
5) Bromomethane	1.605	94	5530	23.304	ug/l	94
6) Chloroethane	1.685	64	6865	19.351	ug/l	97
7) Trichlorofluoromethane	1.892	101	17713	19.187	ug/l	98
8) Diethyl Ether	2.136	74	6265	18.906	ug/l	95
9) 1,1,2-Trichlorotrifluo...	2.331	101	11978	19.961	ug/l	97
10) Methyl Iodide	2.453	142	11054	15.863	ug/l	# 89
11) Tert butyl alcohol	2.959	59	17270	108.733	ug/l	99
12) 1,1-Dichloroethene	2.319	96	10207	18.539	ug/l	93
13) Acrolein	2.233	56	11713	98.464	ug/l	99
14) Allyl chloride	2.666	41	19456	19.248	ug/l	# 89
15) Acrylonitrile	3.062	53	41683	111.768	ug/l	98
16) Acetone	2.380	43	38469	105.124	ug/l	90
17) Carbon Disulfide	2.514	76	16008	14.213	ug/l	98
18) Methyl Acetate	2.703	43	18603	20.622	ug/l	90
19) Methyl tert-butyl Ether	3.111	73	44821	21.367	ug/l	97
20) Methylene Chloride	2.794	84	12827	19.487	ug/l	94
21) trans-1,2-Dichloroethene	3.099	96	10906	18.250	ug/l	97
22) Diisopropyl ether	3.763	45	44421	21.928	ug/l	# 85
23) Vinyl Acetate	3.721	43	192643	110.069	ug/l	# 90
24) 1,1-Dichloroethane	3.611	63	23386	20.520	ug/l	99
25) 2-Butanone	4.556	43	59500	111.743	ug/l	89
26) 2,2-Dichloropropane	4.477	77	18550	20.379	ug/l	95
27) cis-1,2-Dichloroethene	4.495	96	14373	19.946	ug/l	94
28) Bromochloromethane	4.897	49	10373	21.161	ug/l	90
29) Tetrahydrofuran	5.007	42	38089	111.360	ug/l	# 85
30) Chloroform	5.099	83	26637	21.025	ug/l	97
31) Cyclohexane	5.471	56	17078	18.684	ug/l	85
32) 1,1,1-Trichloroethane	5.385	97	21965	20.043	ug/l	98
36) 1,1-Dichloropropene	5.690	75	16309	18.725	ug/l	98
37) Ethyl Acetate	4.715	43	22977	21.280	ug/l	94
38) Carbon Tetrachloride	5.678	117	18862	19.601	ug/l	97
39) Methylcyclohexane	7.385	83	17678	17.248	ug/l	91
40) Benzene	6.044	78	49711	18.833	ug/l	94

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	12386	21.566	ug/l	89
42) 1,2-Dichloroethane	6.086	62	22188	21.037	ug/l	93
43) Isopropyl Acetate	6.342	43	33860	19.578	ug/l #	93
44) Trichloroethene	7.123	130	13857	19.318	ug/l	97
45) 1,2-Dichloropropane	7.434	63	13611	19.195	ug/l	100
46) Dibromomethane	7.586	93	10240	19.188	ug/l	91
47) Bromodichloromethane	7.824	83	20307	19.105	ug/l	92
48) Methyl methacrylate	7.696	41	17338	19.116	ug/l #	83
49) 1,4-Dioxane	7.665	88	6994	390.630	ug/l #	89
51) 4-Methyl-2-Pentanone	8.574	43	113845	94.891	ug/l	90
52) Toluene	8.720	92	31771	19.109	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	18435	17.306	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	20507	18.282	ug/l #	83
55) 1,1,2-Trichloroethane	9.153	97	15047	20.405	ug/l	95
56) Ethyl methacrylate	9.116	69	22198	19.007	ug/l #	83
57) 1,3-Dichloropropane	9.311	76	23375	18.836	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	54612	93.660	ug/l	97
59) 2-Hexanone	9.433	43	84926	91.933	ug/l	87
60) Dibromochloromethane	9.525	129	14471	18.926	ug/l	96
61) 1,2-Dibromoethane	9.610	107	14599	18.947	ug/l	98
64) Tetrachloroethene	9.275	164	13080	19.605	ug/l	96
65) Chlorobenzene	10.079	112	36307	18.737	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	13578	18.674	ug/l	99
67) Ethyl Benzene	10.195	91	62502	17.775	ug/l	99
68) m/p-Xylenes	10.305	106	48024	37.134	ug/l	93
69) o-Xylene	10.646	106	24266	19.210	ug/l	93
70) Styrene	10.659	104	40548	18.886	ug/l	95
71) Bromoform	10.799	173	9945	18.617	ug/l #	99
73) Isopropylbenzene	10.963	105	65139	18.130	ug/l	97
74) N-amyl acetate	10.841	43	27547	17.021	ug/l #	88
75) 1,1,2,2-Tetrachloroethane	11.213	83	23468	19.235	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	21868m	19.318	ug/l	
77) Bromobenzene	11.201	156	15556	18.991	ug/l	89
78) n-propylbenzene	11.305	91	75853	17.671	ug/l	98
79) 2-Chlorotoluene	11.366	91	47760	17.705	ug/l	96
80) 1,3,5-Trimethylbenzene	11.451	105	55934	17.941	ug/l	96
81) trans-1,4-Dichloro-2-b...	11.018	75	5693	17.559	ug/l #	70
82) 4-Chlorotoluene	11.457	91	55241	17.845	ug/l	96
83) tert-Butylbenzene	11.719	119	54331	18.022	ug/l	88
84) 1,2,4-Trimethylbenzene	11.756	105	56531	18.185	ug/l	96
85) sec-Butylbenzene	11.890	105	68008	18.280	ug/l	99
86) p-Isopropyltoluene	12.012	119	56025	18.104	ug/l	94
87) 1,3-Dichlorobenzene	11.969	146	29178	18.095	ug/l	96
88) 1,4-Dichlorobenzene	12.042	146	29810	17.946	ug/l	97
89) n-Butylbenzene	12.335	91	49366	17.741	ug/l	97
90) Hexachloroethane	12.542	117	8417	16.936	ug/l	90
91) 1,2-Dichlorobenzene	12.335	146	30073	18.881	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	12.945	75	5663	19.281	ug/l	76
93) 1,2,4-Trichlorobenzene	13.591	180	18151	18.635	ug/l	97
94) Hexachlorobutadiene	13.725	225	8452	20.132	ug/l	93
95) Naphthalene	13.780	128	66700	19.612	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	18049	18.915	ug/l	97

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

