

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042222\
 Data File : VX028298.D
 Acq On : 22 Apr 2022 23:23
 Operator : JC/MD
 Sample : VX0422WBS02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0422WBS02

Quant Time: Apr 23 06:47:29 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X041922W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 19 13:38:04 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 04/25/2022
 Supervised By : Mahesh Dadoda 04/25/2022

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	335014	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	543768	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	501740	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	259569	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	205013	46.933	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	93.860%		
35) Dibromofluoromethane	5.385	113	183023	47.995	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	95.980%		
50) Toluene-d8	8.653	98	670367	45.770	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	91.540%		
62) 4-Bromofluorobenzene	11.079	95	241447	43.114	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	86.220%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	55259	25.552	ug/l	98
3) Chloromethane	1.288	50	54781	23.866	ug/l	100
4) Vinyl Chloride	1.374	62	65421	19.371	ug/l	99
5) Bromomethane	1.605	94	66442	16.616	ug/l	99
6) Chloroethane	1.685	64	44740	16.327	ug/l	97
7) Trichlorofluoromethane	1.886	101	120641	16.199	ug/l	97
8) Diethyl Ether	2.136	74	43318	17.322	ug/l	94
9) 1,1,2-Trichlorotrifluo...	2.331	101	60652	22.357	ug/l	98
10) Methyl Iodide	2.453	142	62193	20.242	ug/l	97
11) Tert butyl alcohol	2.965	59	76410	84.775	ug/l	98
12) 1,1-Dichloroethene	2.319	96	57155	22.199	ug/l	94
13) Acrolein	2.239	56	72458	135.348	ug/l	99
14) Allyl chloride	2.666	41	74368	17.214	ug/l	90
15) Acrylonitrile	3.062	53	162980	91.556	ug/l	99
16) Acetone	2.380	43	135989	101.095	ug/l	95
17) Carbon Disulfide	2.514	76	118421	17.080	ug/l	99
18) Methyl Acetate	2.703	43	72390	18.639	ug/l	99
19) Methyl tert-butyl Ether	3.117	73	202096	18.824	ug/l	96
20) Methylene Chloride	2.788	84	65523	20.216	ug/l	99
21) trans-1,2-Dichloroethene	3.093	96	64928	18.543	ug/l	91
22) Diisopropyl ether	3.757	45	174927	17.777	ug/l #	72
23) Vinyl Acetate	3.721	43	756606	88.013	ug/l	100
24) 1,1-Dichloroethane	3.611	63	107985	18.586	ug/l	99
25) 2-Butanone	4.556	43	217611	84.117	ug/l	99
26) 2,2-Dichloropropane	4.477	77	77932	13.738	ug/l	98
27) cis-1,2-Dichloroethene	4.495	96	78168	18.723	ug/l	89
28) Bromochloromethane	4.903	49	42833	17.183	ug/l	90
29) Tetrahydrofuran	5.007	42	140505	83.296	ug/l	98
30) Chloroform	5.092	83	125754	18.023	ug/l	97
31) Cyclohexane	5.470	56	90091	16.928	ug/l	99
32) 1,1,1-Trichloroethane	5.385	97	111569	17.658	ug/l	98
36) 1,1-Dichloropropene	5.696	75	84906	17.069	ug/l	96
37) Ethyl Acetate	4.714	43	87116	17.260	ug/l	100
38) Carbon Tetrachloride	5.678	117	95418	16.992	ug/l	99
39) Methylcyclohexane	7.379	83	102378	16.312	ug/l	96
40) Benzene	6.043	78	260719	17.906	ug/l	99

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41) Methacrylonitrile	4.922	41	45253	17.378	ug/l	97
42) 1,2-Dichloroethane	6.092	62	93280	17.258	ug/l	100
43) Isopropyl Acetate	6.342	43	133599	16.264	ug/l	98
44) Trichloroethene	7.129	130	77926	18.455	ug/l	99
45) 1,2-Dichloropropane	7.433	63	62518	17.541	ug/l	99
46) Dibromomethane	7.586	93	49583	17.735	ug/l	99
47) Bromodichloromethane	7.824	83	89253	16.610	ug/l	98
48) Methyl methacrylate	7.696	41	63039	16.715	ug/l	92
49) 1,4-Dioxane	7.671	88	35690	353.747	ug/l	94
51) 4-Methyl-2-Pentanone	8.574	43	439279	83.334	ug/l	98
52) Toluene	8.720	92	176011	17.399	ug/l	100
53) t-1,3-Dichloropropene	8.982	75	85922	15.045	ug/l	96
54) cis-1,3-Dichloropropene	8.366	75	98624	16.082	ug/l #	92
55) 1,1,2-Trichloroethane	9.153	97	72171	17.559	ug/l	98
56) Ethyl methacrylate	9.116	69	103134	17.310	ug/l #	93
57) 1,3-Dichloropropane	9.311	76	116497	17.561	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	223007	79.776	ug/l	93
59) 2-Hexanone	9.433	43	335131	82.074	ug/l	95
60) Dibromochloromethane	9.525	129	71558	15.970	ug/l	96
61) 1,2-Dibromoethane	9.610	107	77804	17.255	ug/l	97
64) Tetrachloroethene	9.275	164	73913	18.860	ug/l	97
65) Chlorobenzene	10.079	112	193548	18.093	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	72015	18.072	ug/l	99
67) Ethyl Benzene	10.195	91	333066	18.568	ug/l	98
68) m/p-Xylenes	10.305	106	265030	36.303	ug/l	97
69) o-Xylene	10.640	106	130093	17.873	ug/l	99
70) Styrene	10.659	104	212851	18.050	ug/l	100
71) Bromoform	10.799	173	49255	16.012	ug/l #	99
73) Isopropylbenzene	10.963	105	343372	19.246	ug/l	99
74) N-amyl acetate	10.848	43	110769	17.963	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.213	83	107910	18.639	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	96244m	18.840	ug/l	
77) Bromobenzene	11.201	156	88029	18.945	ug/l	89
78) n-propylbenzene	11.305	91	378682	19.142	ug/l	96
79) 2-Chlorotoluene	11.366	91	229239	18.638	ug/l	95
80) 1,3,5-Trimethylbenzene	11.451	105	290889	19.208	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.018	75	23739	13.810	ug/l #	84
82) 4-Chlorotoluene	11.457	91	264380	18.660	ug/l	95
83) tert-Butylbenzene	11.713	119	297339	19.227	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	289403	19.224	ug/l	98
85) sec-Butylbenzene	11.890	105	348266	18.667	ug/l	98
86) p-Isopropyltoluene	12.012	119	302972	18.823	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	162427	18.604	ug/l	98
88) 1,4-Dichlorobenzene	12.042	146	168121	18.340	ug/l	99
89) n-Butylbenzene	12.335	91	234126	17.715	ug/l	97
90) Hexachloroethane	12.542	117	43874	16.413	ug/l	96
91) 1,2-Dichlorobenzene	12.335	146	166559	19.204	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	22766	17.682	ug/l	94
93) 1,2,4-Trichlorobenzene	13.591	180	102259	19.823	ug/l	99
94) Hexachlorobutadiene	13.725	225	39385	17.110	ug/l	94
95) Naphthalene	13.774	128	356609	20.752	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	102780	20.298	ug/l	96

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

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