

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111422\
 Data File : VX032806.D
 Acq On : 14 Nov 2022 19:41
 Operator : JC/MD
 Sample : N5587-13MS 20X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 INTERCEPTOR-SUMP-20221110MS

Quant Time: Nov 15 05:10:19 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102622W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 27 08:28:06 2022
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/15/2022
 Supervised By : Mahesh Dadoda 11/15/2022

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	92636	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	148490	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	135081	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	74048	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	65102	50.578	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 101.160%			
35) Dibromofluoromethane	5.385	113	53548	50.555	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 101.120%			
50) Toluene-d8	8.647	98	174974	47.508	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 95.020%			
62) 4-Bromofluorobenzene	11.079	95	73990	51.429	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 102.860%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	47334	44.303	ug/l	96
3) Chloromethane	1.294	50	39839	44.091	ug/l	96
4) Vinyl Chloride	1.374	62	46374	46.635	ug/l	99
5) Bromomethane	1.618	94	35873	45.141	ug/l	92
6) Chloroethane	1.691	64	47335	70.955	ug/l	100
7) Trichlorofluoromethane	1.886	101	93127	49.425	ug/l	99
8) Diethyl Ether	2.130	74	31457	51.518	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.331	101	49416	49.690	ug/l	99
10) Methyl Iodide	2.453	142	54750	49.516	ug/l	99
11) Tert butyl alcohol	3.008	59	46814m	249.883	ug/l	
12) 1,1-Dichloroethene	2.319	96	44986	48.423	ug/l	95
13) Acrolein	2.239	56	50693	271.047	ug/l	99
14) Allyl chloride	2.666	41	73840	49.861	ug/l	99
15) Acrylonitrile	3.069	53	127554	250.874	ug/l	99
16) Acetone	2.392	43	110993	237.255	ug/l	99
17) Carbon Disulfide	2.514	76	97201	43.927	ug/l	99
18) Methyl Acetate	2.703	43	82832	54.448	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	178263	54.595	ug/l	99
20) Methylene Chloride	2.788	84	55209	51.471	ug/l	96
21) trans-1,2-Dichloroethene	3.093	96	49438	48.889	ug/l	98
22) Diisopropyl ether	3.757	45	177634	55.455	ug/l	91
23) Vinyl Acetate	3.721	43	660067	255.054	ug/l	100
24) 1,1-Dichloroethane	3.611	63	98068	53.226	ug/l	99
25) 2-Butanone	4.562	43	173140	238.884	ug/l	96
26) 2,2-Dichloropropane	4.477	77	72752	49.673	ug/l	99
27) cis-1,2-Dichloroethene	4.489	96	63768	54.555	ug/l	99
28) Bromochloromethane	4.897	49	31507	48.008	ug/l	98
29) Tetrahydrofuran	5.007	42	113190	244.910	ug/l	99
30) Chloroform	5.093	83	112118	55.456	ug/l	98
31) Cyclohexane	5.477	56	72809	46.653	ug/l	94
32) 1,1,1-Trichloroethane	5.385	97	99267	54.715	ug/l	100
36) 1,1-Dichloropropene	5.690	75	73287	49.687	ug/l	99
37) Ethyl Acetate	4.715	43	70092	45.653	ug/l	99
38) Carbon Tetrachloride	5.678	117	86301	52.753	ug/l	98
39) Methylcyclohexane	7.379	83	80611	46.192	ug/l	99
40) Benzene	6.037	78	215400	51.606	ug/l	98

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41) Methacrylonitrile	4.922	41	41921	53.599	ug/l	96
42) 1,2-Dichloroethane	6.086	62	93968	55.074	ug/l	99
43) Isopropyl Acetate	6.342	43	120670	51.189	ug/l	99
44) Trichloroethene	7.123	130	60428	51.428	ug/l	98
45) 1,2-Dichloropropane	7.428	63	57544	53.706	ug/l	99
46) Dibromomethane	7.580	93	43842	53.355	ug/l	99
47) Bromodichloromethane	7.824	83	91049	58.464	ug/l	98
48) Methyl methacrylate	7.696	41	61101	50.187	ug/l	99
49) 1,4-Dioxane	7.708	88	22814	983.277	ug/l	99
51) 4-Methyl-2-Pentanone	8.574	43	379866	255.831	ug/l	100
52) Toluene	8.720	92	142794	52.436	ug/l	100
53) t-1,3-Dichloropropene	8.976	75	89193	56.132	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	92798	54.602	ug/l	97
55) 1,1,2-Trichloroethane	9.153	97	62978	54.913	ug/l	99
56) Ethyl methacrylate	9.116	69	88249	53.471	ug/l	100
57) 1,3-Dichloropropane	9.311	76	101294	54.693	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	55763	70.170	ug/l	99
59) 2-Hexanone	9.433	43	278712	252.970	ug/l	100
60) Dibromochloromethane	9.519	129	74481	59.458	ug/l	100
61) 1,2-Dibromoethane	9.610	107	66325	54.580	ug/l	100
64) Tetrachloroethene	9.275	164	50385	50.961	ug/l	97
65) Chlorobenzene	10.079	112	160459	53.029	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	64828	56.926	ug/l	99
67) Ethyl Benzene	10.195	91	285259	52.719	ug/l	100
68) m/p-Xylenes	10.299	106	219115	104.285	ug/l	99
69) o-Xylene	10.640	106	111745	54.700	ug/l	97
70) Styrene	10.653	104	186759	55.008	ug/l	99
71) Bromoform	10.799	173	55907	62.091	ug/l #	100
73) Isopropylbenzene	10.963	105	295205	50.310	ug/l	100
74) N-amyl acetate	10.842	43	109456	49.370	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.213	83	96773	51.381	ug/l	98
76) 1,2,3-Trichloropropane	11.238	75	76345m	46.343	ug/l	
77) Bromobenzene	11.195	156	74983	52.125	ug/l	99
78) n-propylbenzene	11.305	91	338645	50.093	ug/l	100
79) 2-Chlorotoluene	11.366	91	205462	50.748	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	255527	50.954	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	25778	49.792	ug/l	98
82) 4-Chlorotoluene	11.457	91	240892	50.848	ug/l	99
83) tert-Butylbenzene	11.713	119	253272	50.587	ug/l	100
84) 1,2,4-Trimethylbenzene	11.750	105	255850	51.295	ug/l	99
85) sec-Butylbenzene	11.890	105	304432	50.533	ug/l	99
86) p-Isopropyltoluene	12.012	119	261691	51.192	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	140142	51.645	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	141738	50.349	ug/l	100
89) n-Butylbenzene	12.329	91	218327	49.093	ug/l	99
90) Hexachloroethane	12.536	117	44777	53.627	ug/l	96
91) 1,2-Dichlorobenzene	12.335	146	138877	51.904	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	20432	49.477	ug/l	98
93) 1,2,4-Trichlorobenzene	13.585	180	85306	48.897	ug/l	98
94) Hexachlorobutadiene	13.725	225	33998	46.661	ug/l	98
95) Naphthalene	13.774	128	286678	49.315	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	85296	48.097	ug/l	100

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

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