

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120222\
 Data File : VX033206.D
 Acq On : 02 Dec 2022 23:06
 Operator : JC/MD
 Sample : VX1202WBS02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1202WBS02

Quant Time: Dec 05 01:00:10 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112222W.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 22 13:58:46 2022
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/05/2022
 Supervised By : Mahesh Dadoda 12/05/2022

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	123821	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	200386	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	183826	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	90225	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	57685	47.521	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	95.040%		
35) Dibromofluoromethane	5.391	113	49081	43.446	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	86.900%		
50) Toluene-d8	8.647	98	145186	42.385	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	84.760%#		
62) 4-Bromofluorobenzene	11.079	95	66450	44.778	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	89.560%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	12918	13.656	ug/l	97
3) Chloromethane	1.294	50	14735	14.429	ug/l	99
4) Vinyl Chloride	1.374	62	17714	15.578	ug/l	97
5) Bromomethane	1.617	94	12088	14.336	ug/l	95
6) Chloroethane	1.691	64	14152	15.288	ug/l	99
7) Trichlorofluoromethane	1.892	101	36403	16.495	ug/l	100
8) Diethyl Ether	2.136	74	12093	17.405	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.331	101	19414	16.737	ug/l	99
10) Methyl Iodide	2.453	142	16755	12.618	ug/l	99
11) Tert butyl alcohol	3.020	59	18001m	94.173	ug/l	
12) 1,1-Dichloroethene	2.325	96	17748	16.425	ug/l	96
13) Acrolein	2.239	56	17967	81.831	ug/l	97
14) Allyl chloride	2.666	41	27658	15.854	ug/l	98
15) Acrylonitrile	3.068	53	48575	89.844	ug/l	99
16) Acetone	2.398	43	41238	73.228	ug/l	97
17) Carbon Disulfide	2.514	76	38432	12.874	ug/l	100
18) Methyl Acetate	2.709	43	27900	17.898	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	63701	16.999	ug/l	99
20) Methylene Chloride	2.788	84	20358	16.504	ug/l	97
21) trans-1,2-Dichloroethene	3.093	96	19474	15.755	ug/l	98
22) Diisopropyl ether	3.757	45	64391	16.951	ug/l #	81
23) Vinyl Acetate	3.721	43	246718	82.975	ug/l	100
24) 1,1-Dichloroethane	3.611	63	36801	16.930	ug/l	99
25) 2-Butanone	4.568	43	66608	85.776	ug/l	97
26) 2,2-Dichloropropane	4.483	77	26686	15.268	ug/l	99
27) cis-1,2-Dichloroethene	4.489	96	23537	16.760	ug/l	98
28) Bromochloromethane	4.897	49	16611	17.391	ug/l	99
29) Tetrahydrofuran	5.019	42	41638	84.503	ug/l	98
30) Chloroform	5.099	83	42113	17.298	ug/l	99
31) Cyclohexane	5.470	56	29629	15.165	ug/l	96
32) 1,1,1-Trichloroethane	5.385	97	35709	16.378	ug/l	98
36) 1,1-Dichloropropene	5.696	75	28888	15.992	ug/l	98
37) Ethyl Acetate	4.721	43	27898	17.703	ug/l	98
38) Carbon Tetrachloride	5.684	117	31559	15.749	ug/l	90
39) Methylcyclohexane	7.385	83	31531	15.299	ug/l	97
40) Benzene	6.037	78	82928	16.374	ug/l	96

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41) Methacrylonitrile	4.922	41	15495	17.474	ug/l	96
42) 1,2-Dichloroethane	6.086	62	34252	16.797	ug/l	100
43) Isopropyl Acetate	6.342	43	43777	16.797	ug/l	99
44) Trichloroethene	7.129	130	22845	16.075	ug/l	91
45) 1,2-Dichloropropane	7.434	63	21546	17.215	ug/l	96
46) Dibromomethane	7.586	93	16304	16.694	ug/l	98
47) Bromodichloromethane	7.824	83	30779	16.310	ug/l	100
48) Methyl methacrylate	7.696	41	22699	16.920	ug/l	97
49) 1,4-Dioxane	7.726	88	9800m	396.839	ug/l	
51) 4-Methyl-2-Pentanone	8.574	43	141865	88.211	ug/l	99
52) Toluene	8.720	92	54733	16.426	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	29811	15.773	ug/l	97
54) cis-1,3-Dichloropropene	8.366	75	31570	15.518	ug/l	98
55) 1,1,2-Trichloroethane	9.153	97	23162	17.074	ug/l	95
56) Ethyl methacrylate	9.116	69	30926	16.546	ug/l	98
57) 1,3-Dichloropropane	9.311	76	36952	16.873	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	75040	84.546	ug/l	100
59) 2-Hexanone	9.433	43	104158	87.672	ug/l	100
60) Dibromochloromethane	9.519	129	23719	16.240	ug/l	97
61) 1,2-Dibromoethane	9.610	107	23966	16.738	ug/l	97
64) Tetrachloroethene	9.275	164	19450	14.948	ug/l	97
65) Chlorobenzene	10.079	112	59002	16.099	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	22445	16.714	ug/l	100
67) Ethyl Benzene	10.195	91	106857	16.436	ug/l	99
68) m/p-Xylenes	10.305	106	82454	32.388	ug/l	99
69) o-Xylene	10.640	106	40300	16.360	ug/l	100
70) Styrene	10.659	104	66651	16.539	ug/l	99
71) Bromoform	10.799	173	16284	15.816	ug/l #	99
73) Isopropylbenzene	10.963	105	107670	16.700	ug/l	100
74) N-amyl acetate	10.841	43	36949	16.847	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	33727	17.332	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	29874m	17.483	ug/l	
77) Bromobenzene	11.201	156	25987	16.389	ug/l	97
78) n-propylbenzene	11.305	91	121834	16.528	ug/l	100
79) 2-Chlorotoluene	11.366	91	74316	16.599	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	90565	16.721	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	7956	15.135	ug/l	91
82) 4-Chlorotoluene	11.457	91	85580	16.311	ug/l	99
83) tert-Butylbenzene	11.713	119	91161	16.909	ug/l	100
84) 1,2,4-Trimethylbenzene	11.750	105	90627	16.781	ug/l	100
85) sec-Butylbenzene	11.890	105	106144	16.456	ug/l	99
86) p-Isopropyltoluene	12.012	119	90002	16.469	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	48808	16.411	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	49034	16.098	ug/l	99
89) n-Butylbenzene	12.335	91	73947	15.707	ug/l	100
90) Hexachloroethane	12.536	117	14504	16.155	ug/l	99
91) 1,2-Dichlorobenzene	12.335	146	47799	16.522	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	6581	16.950	ug/l	98
93) 1,2,4-Trichlorobenzene	13.591	180	27809	15.593	ug/l	99
94) Hexachlorobutadiene	13.725	225	12009	15.263	ug/l	95
95) Naphthalene	13.774	128	93704	16.242	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	28227	15.783	ug/l	100

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

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