

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121622\
 Data File : VX033462.D
 Acq On : 16 Dec 2022 15:47
 Operator : JC/MD
 Sample : VX1216WBS02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1216WBS02

Quant Time: Dec 17 08:09:36 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X120722W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 07 12:43:54 2022
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/19/2022
 Supervised By : Mahesh Dadoda 12/19/2022

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	137660	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	213064	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	200710	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	101994	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	39873	45.149	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	90.300%		
35) Dibromofluoromethane	5.385	113	45323	47.294	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	94.580%		
50) Toluene-d8	8.647	98	98313	49.040	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	98.080%		
62) 4-Bromofluorobenzene	11.079	95	81120	52.921	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	105.840%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	18577	19.318	ug/l	99
3) Chloromethane	1.294	50	18741	16.856	ug/l	98
4) Vinyl Chloride	1.374	62	22586	17.791	ug/l	99
5) Bromomethane	1.617	94	15943	17.113	ug/l	97
6) Chloroethane	1.691	64	14060	14.601	ug/l	98
7) Trichlorofluoromethane	1.892	101	34429	14.445	ug/l	98
8) Diethyl Ether	2.130	74	12288	14.274	ug/l	91
9) 1,1,2-Trichlorotrifluo...	2.331	101	26789	21.189	ug/l	99
10) Methyl Iodide	2.453	142	26937	19.453	ug/l	98
11) Tert butyl alcohol	2.983	59	21534m	79.755	ug/l	
12) 1,1-Dichloroethene	2.319	96	24001	19.232	ug/l	98
13) Acrolein	2.239	56	16856	57.562	ug/l	100
14) Allyl chloride	2.666	41	36759	18.444	ug/l	95
15) Acrylonitrile	3.062	53	61283	91.627	ug/l	99
16) Acetone	2.386	43	57578	88.108	ug/l	99
17) Carbon Disulfide	2.514	76	52725	16.461	ug/l	99
18) Methyl Acetate	2.703	43	36758	19.430	ug/l	97
19) Methyl tert-butyl Ether	3.111	73	84373	19.518	ug/l	99
20) Methylene Chloride	2.794	84	27374	18.783	ug/l	88
21) trans-1,2-Dichloroethene	3.093	96	25986	19.035	ug/l	99
22) Diisopropyl ether	3.757	45	82580	19.340	ug/l	92
23) Vinyl Acetate	3.721	43	314775	94.976	ug/l	97
24) 1,1-Dichloroethane	3.611	63	47541	18.949	ug/l	99
25) 2-Butanone	4.556	43	87085	92.837	ug/l	99
26) 2,2-Dichloropropane	4.477	77	37957	20.573	ug/l	99
27) cis-1,2-Dichloroethene	4.489	96	31751	19.461	ug/l	97
28) Bromochloromethane	4.897	49	19957	19.002	ug/l	94
29) Tetrahydrofuran	5.007	42	55184	90.799	ug/l	98
30) Chloroform	5.092	83	54783	19.669	ug/l	98
31) Cyclohexane	5.470	56	41335	19.694	ug/l	94
32) 1,1,1-Trichloroethane	5.385	97	48975	20.436	ug/l	98
36) 1,1-Dichloropropene	5.690	75	38267	20.481	ug/l	99
37) Ethyl Acetate	4.715	43	32947	18.654	ug/l	97
38) Carbon Tetrachloride	5.678	117	43027	20.554	ug/l	92
39) Methylcyclohexane	7.379	83	44140	21.106	ug/l	98
40) Benzene	6.037	78	109059	20.019	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	19235	19.764	ug/l	97
42) 1,2-Dichloroethane	6.080	62	43644	20.175	ug/l	98
43) Isopropyl Acetate	6.336	43	55481	19.523	ug/l	98
44) Trichloroethene	7.129	130	31898	21.237	ug/l	94
45) 1,2-Dichloropropane	7.427	63	28199	20.240	ug/l	100
46) Dibromomethane	7.580	93	21355	20.121	ug/l	97
47) Bromodichloromethane	7.824	83	41553	20.085	ug/l	97
48) Methyl methacrylate	7.690	41	28416	19.375	ug/l	94
49) 1,4-Dioxane	7.696	88	11623	347.533	ug/l	97
51) 4-Methyl-2-Pentanone	8.574	43	182978	101.818	ug/l	98
52) Toluene	8.720	92	74813	21.240	ug/l	98
53) t-1,3-Dichloropropene	8.976	75	39631	19.444	ug/l	95
54) cis-1,3-Dichloropropene	8.366	75	44556	20.239	ug/l	91
55) 1,1,2-Trichloroethane	9.153	97	30810	20.809	ug/l	98
56) Ethyl methacrylate	9.116	69	42980	20.618	ug/l	93
57) 1,3-Dichloropropane	9.305	76	49413	20.775	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	98095	102.843	ug/l	98
59) 2-Hexanone	9.427	43	138598	104.654	ug/l	96
60) Dibromochloromethane	9.519	129	32835	20.128	ug/l	99
61) 1,2-Dibromoethane	9.610	107	32681	20.751	ug/l	99
64) Tetrachloroethene	9.275	164	28288	20.611	ug/l	97
65) Chlorobenzene	10.079	112	84180	20.711	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.165	131	30943	20.146	ug/l	99
67) Ethyl Benzene	10.195	91	148742	21.006	ug/l	100
68) m/p-Xylenes	10.299	106	118403	42.979	ug/l	96
69) o-Xylene	10.640	106	56825	20.868	ug/l	98
70) Styrene	10.652	104	94666	21.227	ug/l	99
71) Bromoform	10.799	173	23214	19.094	ug/l #	98
73) Isopropylbenzene	10.963	105	153751	20.798	ug/l	100
74) N-amyl acetate	10.841	43	49407	19.589	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.213	83	46323	19.752	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	41292m	19.899	ug/l	
77) Bromobenzene	11.195	156	37934	20.321	ug/l	97
78) n-propylbenzene	11.305	91	172618	20.912	ug/l	99
79) 2-Chlorotoluene	11.366	91	104336	20.453	ug/l	97
80) 1,3,5-Trimethylbenzene	11.451	105	128704	20.915	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.018	75	11010	16.505	ug/l	94
82) 4-Chlorotoluene	11.457	91	120785	20.362	ug/l	98
83) tert-Butylbenzene	11.713	119	125799	20.500	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	127856	20.815	ug/l	99
85) sec-Butylbenzene	11.890	105	153448	21.433	ug/l	100
86) p-Isopropyltoluene	12.012	119	132866	21.525	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	70610	20.881	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	70370	20.373	ug/l	100
89) n-Butylbenzene	12.335	91	108302	21.422	ug/l	99
90) Hexachloroethane	12.536	117	20280	19.329	ug/l	99
91) 1,2-Dichlorobenzene	12.335	146	69961	20.693	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	9125	18.013	ug/l	95
93) 1,2,4-Trichlorobenzene	13.591	180	42926	21.023	ug/l	97
94) Hexachlorobutadiene	13.725	225	18620	22.773	ug/l	96
95) Naphthalene	13.774	128	140305	20.600	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	42446	20.526	ug/l	99

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

