

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX011822\
 Data File : VX026503.D
 Acq On : 18 Jan 2022 16:27
 Operator : JC/MD
 Sample : VX0118WBS02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0118WBS02

Quant Time: Jan 18 16:50:09 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011122W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 11 14:45:13 2022
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 01/19/2022
 Supervised By : Mahesh Dadoda 01/19/2022

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	113600	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	182744	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	163073	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	73222	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	76706	48.337	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	96.680%		
35) Dibromofluoromethane	5.385	113	58742	49.777	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	99.560%		
50) Toluene-d8	8.647	98	221344	52.049	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	104.100%		
62) 4-Bromofluorobenzene	11.079	95	80412	53.229	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	106.460%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.173	85	24134	17.991	ug/l	97
3) Chloromethane	1.295	50	23672	19.250	ug/l	98
4) Vinyl Chloride	1.380	62	24433	18.924	ug/l	95
5) Bromomethane	1.618	94	12502	20.991	ug/l	98
6) Chloroethane	1.691	64	13305	20.379	ug/l	100
7) Trichlorofluoromethane	1.892	101	36877	18.091	ug/l	99
8) Diethyl Ether	2.136	74	13542	18.774	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.331	101	23447	18.875	ug/l	99
10) Methyl Iodide	2.459	142	28860	24.108	ug/l	97
11) Tert butyl alcohol	2.983	59	18156	82.245	ug/l	96
12) 1,1-Dichloroethene	2.325	96	21749	18.332	ug/l	97
13) Acrolein	2.240	56	25869	110.280	ug/l	98
14) Allyl chloride	2.666	41	40081	18.371	ug/l	99
15) Acrylonitrile	3.069	53	64660	95.151	ug/l	99
16) Acetone	2.392	43	65280	80.666	ug/l	97
17) Carbon Disulfide	2.514	76	60008	17.324	ug/l	98
18) Methyl Acetate	2.709	43	29893	18.580	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	78005	18.120	ug/l	98
20) Methylene Chloride	2.794	84	24865	18.597	ug/l	99
21) trans-1,2-Dichloroethene	3.093	96	23691	18.446	ug/l	96
22) Diisopropyl ether	3.758	45	83400	18.818	ug/l	91
23) Vinyl Acetate	3.721	43	345047	94.583	ug/l	98
24) 1,1-Dichloroethane	3.611	63	44330	18.521	ug/l	100
25) 2-Butanone	4.562	43	93675	89.009	ug/l	98
26) 2,2-Dichloropropane	4.477	77	31377	17.686	ug/l	100
27) cis-1,2-Dichloroethene	4.489	96	27165	18.532	ug/l	99
28) Bromochloromethane	4.898	49	19941	20.290	ug/l	100
29) Tetrahydrofuran	5.013	42	58101	92.954	ug/l	100
30) Chloroform	5.093	83	48598	19.542	ug/l	99
31) Cyclohexane	5.471	56	42870	18.316	ug/l	96
32) 1,1,1-Trichloroethane	5.385	97	40784	18.644	ug/l	99
36) 1,1-Dichloropropene	5.696	75	34498	18.518	ug/l	99
37) Ethyl Acetate	4.715	43	35929	19.065	ug/l	100
38) Carbon Tetrachloride	5.678	117	35758	18.660	ug/l	97
39) Methylcyclohexane	7.379	83	42813	19.052	ug/l	100
40) Benzene	6.044	78	98874	19.202	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	20963	19.637	ug/l	98
42) 1,2-Dichloroethane	6.086	62	38245	18.983	ug/l	99
43) Isopropyl Acetate	6.342	43	58483	19.212	ug/l	99
44) Trichloroethene	7.123	130	28438	19.463	ug/l	98
45) 1,2-Dichloropropane	7.434	63	25544	19.874	ug/l	97
46) Dibromomethane	7.580	93	18000	19.866	ug/l	99
47) Bromodichloromethane	7.824	83	35206	19.231	ug/l	99
48) Methyl methacrylate	7.690	41	29515	19.564	ug/l	99
49) 1,4-Dioxane	7.690	88	8201	331.252	ug/l	97
51) 4-Methyl-2-Pentanone	8.574	43	181358	100.442	ug/l	100
52) Toluene	8.720	92	63610	20.145	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	33773	18.488	ug/l	97
54) cis-1,3-Dichloropropene	8.366	75	38323	19.490	ug/l	98
55) 1,1,2-Trichloroethane	9.153	97	24824	20.145	ug/l	100
56) Ethyl methacrylate	9.116	69	38833	20.564	ug/l	98
57) 1,3-Dichloropropane	9.311	76	43133	20.190	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	93955	94.883	ug/l	100
59) 2-Hexanone	9.433	43	134745	97.503	ug/l	100
60) Dibromochloromethane	9.519	129	26181	20.389	ug/l	100
61) 1,2-Dibromoethane	9.610	107	25966	20.222	ug/l	100
64) Tetrachloroethene	9.275	164	29572	19.197	ug/l	95
65) Chlorobenzene	10.080	112	65829	19.169	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	24410	19.130	ug/l	99
67) Ethyl Benzene	10.195	91	121271	19.433	ug/l	99
68) m/p-Xylenes	10.299	106	91641	39.240	ug/l	100
69) o-Xylene	10.640	106	44435	19.718	ug/l	99
70) Styrene	10.653	104	73429	19.969	ug/l	99
71) Bromoform	10.799	173	16922	18.796	ug/l #	100
73) Isopropylbenzene	10.964	105	117914	19.646	ug/l	99
74) N-amyl acetate	10.842	43	44024	19.000	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.214	83	31034	19.264	ug/l	98
76) 1,2,3-Trichloropropane	11.238	75	32295m	20.032	ug/l	
77) Bromobenzene	11.201	156	26804	19.494	ug/l	98
78) n-propylbenzene	11.305	91	135282	19.766	ug/l	100
79) 2-Chlorotoluene	11.366	91	80881	19.487	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	99178	20.043	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	8184	19.394	ug/l	95
82) 4-Chlorotoluene	11.457	91	92735	19.441	ug/l	99
83) tert-Butylbenzene	11.713	119	90158	19.518	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	97785	19.758	ug/l	98
85) sec-Butylbenzene	11.890	105	119943	20.075	ug/l	99
86) p-Isopropyltoluene	12.012	119	101799	20.308	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	49643	19.262	ug/l	100
88) 1,4-Dichlorobenzene	12.043	146	49542	18.991	ug/l	97
89) n-Butylbenzene	12.335	91	85948	19.980	ug/l	100
90) Hexachloroethane	12.543	117	14463	18.714	ug/l	98
91) 1,2-Dichlorobenzene	12.335	146	47970	19.696	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	6856	17.608	ug/l	98
93) 1,2,4-Trichlorobenzene	13.591	180	29678	19.006	ug/l	98
94) Hexachlorobutadiene	13.725	225	12868	19.522	ug/l	99
95) Naphthalene	13.774	128	98946	18.997	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	29492	19.205	ug/l	100

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

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