

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX011922\
 Data File : VX026511.D
 Acq On : 19 Jan 2022 12:05
 Operator : JC/MD
 Sample : VX0119WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0119WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 01/20/2022
 Supervised By : Mahesh Dadoda 01/20/2022

Quant Time: Jan 20 05:03:35 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

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	103093	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	165918	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	148922	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	67874	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	68652	47.671	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	95.340%		
35) Dibromofluoromethane	5.391	113	52665	49.153	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	98.300%		
50) Toluene-d8	8.647	98	197892	51.254	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	102.500%		
62) 4-Bromofluorobenzene	11.079	95	73495	53.584	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	107.160%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.173	85	22000	18.072	ug/l	96
3) Chloromethane	1.295	50	22009	19.722	ug/l	99
4) Vinyl Chloride	1.380	62	22245	18.985	ug/l	99
5) Bromomethane	1.618	94	12129	22.440	ug/l	99
6) Chloroethane	1.691	64	11758	19.845	ug/l	95
7) Trichlorofluoromethane	1.892	101	33862	18.305	ug/l	99
8) Diethyl Ether	2.136	74	12251	18.715	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.337	101	21165	18.775	ug/l	100
10) Methyl Iodide	2.459	142	27348	24.977	ug/l	97
11) Tert butyl alcohol	3.002	59	21270m	106.171	ug/l	
12) 1,1-Dichloroethene	2.325	96	19731	18.326	ug/l	97
13) Acrolein	2.240	56	25993	122.101	ug/l	97
14) Allyl chloride	2.666	41	36836	18.604	ug/l	97
15) Acrylonitrile	3.069	53	63736	103.350	ug/l	99
16) Acetone	2.392	43	70564	96.082	ug/l	100
17) Carbon Disulfide	2.520	76	54537	17.350	ug/l	98
18) Methyl Acetate	2.709	43	29605	20.277	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	73154	18.725	ug/l	99
20) Methylene Chloride	2.794	84	22994	18.950	ug/l	97
21) trans-1,2-Dichloroethene	3.093	96	21844	18.741	ug/l	98
22) Diisopropyl ether	3.758	45	77576	19.288	ug/l #	86
23) Vinyl Acetate	3.721	43	320877	96.922	ug/l	99
24) 1,1-Dichloroethane	3.611	63	41093	18.919	ug/l	99
25) 2-Butanone	4.562	43	95253	99.733	ug/l	98
26) 2,2-Dichloropropane	4.483	77	29270	18.180	ug/l	99
27) cis-1,2-Dichloroethene	4.495	96	25266	18.993	ug/l	99
28) Bromochloromethane	4.904	49	18157	20.358	ug/l	99
29) Tetrahydrofuran	5.013	42	58466	103.071	ug/l	99
30) Chloroform	5.099	83	44395	19.671	ug/l	98
31) Cyclohexane	5.477	56	38945	18.334	ug/l	98
32) 1,1,1-Trichloroethane	5.385	97	36948	18.612	ug/l	98
36) 1,1-Dichloropropene	5.690	75	32085	18.969	ug/l	99
37) Ethyl Acetate	4.715	43	34990	20.450	ug/l	99
38) Carbon Tetrachloride	5.678	117	33141	19.048	ug/l	98
39) Methylcyclohexane	7.379	83	39357	19.291	ug/l	97
40) Benzene	6.038	78	91650	19.604	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	19812	20.441	ug/l	98
42) 1,2-Dichloroethane	6.093	62	35541	19.430	ug/l	100
43) Isopropyl Acetate	6.342	43	55329	20.019	ug/l	100
44) Trichloroethene	7.129	130	25829	19.470	ug/l	99
45) 1,2-Dichloropropane	7.434	63	23401	20.053	ug/l	96
46) Dibromomethane	7.580	93	16544	20.111	ug/l	99
47) Bromodichloromethane	7.824	83	32837	19.756	ug/l	98
48) Methyl methacrylate	7.696	41	27923	20.386	ug/l	99
49) 1,4-Dioxane	7.690	88	9384	417.474	ug/l	97
51) 4-Methyl-2-Pentanone	8.574	43	175894	107.295	ug/l	99
52) Toluene	8.720	92	58896	20.543	ug/l	100
53) t-1,3-Dichloropropene	8.976	75	32096	19.264	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	36090	20.216	ug/l	96
55) 1,1,2-Trichloroethane	9.153	97	24011	21.462	ug/l	98
56) Ethyl methacrylate	9.116	69	36320	21.183	ug/l	98
57) 1,3-Dichloropropane	9.311	76	41228	21.255	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.245	63	93026	103.472	ug/l	99
59) 2-Hexanone	9.433	43	134727	107.377	ug/l	99
60) Dibromochloromethane	9.519	129	25070	21.503	ug/l	100
61) 1,2-Dibromoethane	9.610	107	24840	21.307	ug/l	99
64) Tetrachloroethene	9.275	164	27871	19.812	ug/l	95
65) Chlorobenzene	10.080	112	62574	19.953	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	22940	19.687	ug/l	100
67) Ethyl Benzene	10.195	91	113272	19.876	ug/l	99
68) m/p-Xylenes	10.305	106	85772	40.217	ug/l	99
69) o-Xylene	10.640	106	41760	20.292	ug/l	99
70) Styrene	10.659	104	68833	20.498	ug/l	99
71) Bromoform	10.799	173	16458	19.871	ug/l #	99
73) Isopropylbenzene	10.964	105	110611	19.881	ug/l	99
74) N-amyl acetate	10.842	43	42677	19.870	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.214	83	30024	20.105	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	30915m	20.687	ug/l	
77) Bromobenzene	11.201	156	25559	20.053	ug/l	100
78) n-propylbenzene	11.305	91	127741	20.134	ug/l	100
79) 2-Chlorotoluene	11.366	91	75247	19.559	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	93646	20.417	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	8163	20.490	ug/l	97
82) 4-Chlorotoluene	11.457	91	87121	19.703	ug/l	99
83) tert-Butylbenzene	11.713	119	85484	19.964	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	93650	20.414	ug/l	100
85) sec-Butylbenzene	11.890	105	112868	20.379	ug/l	100
86) p-Isopropyltoluene	12.012	119	95904	20.640	ug/l	99
87) 1,3-Dichlorobenzene	11.970	146	46972	19.661	ug/l	100
88) 1,4-Dichlorobenzene	12.043	146	47722	19.735	ug/l	98
89) n-Butylbenzene	12.335	91	80540	20.198	ug/l	100
90) Hexachloroethane	12.543	117	14125	19.600	ug/l	99
91) 1,2-Dichlorobenzene	12.335	146	45278	20.055	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.945	75	6981	19.342	ug/l	99
93) 1,2,4-Trichlorobenzene	13.591	180	28042	19.373	ug/l	97
94) Hexachlorobutadiene	13.725	225	12391	20.279	ug/l	97
95) Naphthalene	13.780	128	94946	19.666	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	28076	19.723	ug/l	99

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

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