

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111522\
 Data File : VX032840.D
 Acq On : 16 Nov 2022 03:06
 Operator : JC/MD
 Sample : VX1115WBSD02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1115WBSD02

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/16/2022
 Supervised By : Mahesh Dadoda 11/16/2022

Quant Time: Nov 16 03:37:12 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

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	96256	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	153237	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	137824	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	72177	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	66953	50.060	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 100.120%			
35) Dibromofluoromethane	5.385	113	56131	51.352	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 102.700%			
50) Toluene-d8	8.647	98	182828	48.103	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 96.200%			
62) 4-Bromofluorobenzene	11.079	95	75207	50.655	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 101.320%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	19090	17.196	ug/l	99
3) Chloromethane	1.294	50	15770	16.797	ug/l	98
4) Vinyl Chloride	1.374	62	17851	17.276	ug/l	98
5) Bromomethane	1.618	94	14440	17.487	ug/l	94
6) Chloroethane	1.691	64	17237	24.866	ug/l	99
7) Trichlorofluoromethane	1.892	101	36813	18.803	ug/l	100
8) Diethyl Ether	2.130	74	12540	19.765	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.331	101	20052	19.405	ug/l	97
10) Methyl Iodide	2.453	142	20012	18.660	ug/l	99
11) Tert butyl alcohol	2.989	59	18660m	95.857	ug/l	
12) 1,1-Dichloroethene	2.325	96	17958	18.603	ug/l	98
13) Acrolein	2.239	56	10780	55.471	ug/l	97
14) Allyl chloride	2.666	41	28986	18.837	ug/l	98
15) Acrylonitrile	3.062	53	48475	91.755	ug/l	99
16) Acetone	2.392	43	43247	88.967	ug/l	96
17) Carbon Disulfide	2.514	76	34053	14.811	ug/l	98
18) Methyl Acetate	2.703	43	32746	20.716	ug/l	100
19) Methyl tert-butyl Ether	3.111	73	69268	20.416	ug/l	100
20) Methylene Chloride	2.788	84	22158	19.881	ug/l	99
21) trans-1,2-Dichloroethene	3.093	96	19573	18.628	ug/l	98
22) Diisopropyl ether	3.757	45	67913	20.404	ug/l #	85
23) Vinyl Acetate	3.721	43	248649	92.466	ug/l	100
24) 1,1-Dichloroethane	3.611	63	38842	20.288	ug/l	99
25) 2-Butanone	4.562	43	66763	88.650	ug/l	98
26) 2,2-Dichloropropane	4.483	77	26350	17.314	ug/l	99
27) cis-1,2-Dichloroethene	4.495	96	24884	20.488	ug/l	100
28) Bromochloromethane	4.897	49	11342	16.632	ug/l	95
29) Tetrahydrofuran	5.013	42	41590	86.604	ug/l	99
30) Chloroform	5.099	83	44114	20.999	ug/l	96
31) Cyclohexane	5.464	56	29337	18.091	ug/l	97
32) 1,1,1-Trichloroethane	5.385	97	37976	20.145	ug/l	99
36) 1,1-Dichloropropene	5.696	75	28801	18.922	ug/l	99
37) Ethyl Acetate	4.715	43	26405	16.666	ug/l	99
38) Carbon Tetrachloride	5.678	117	32927	19.504	ug/l	97
39) Methylcyclohexane	7.379	83	31236	17.344	ug/l	98
40) Benzene	6.037	78	85444	19.837	ug/l	97

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41) Methacrylonitrile	4.922	41	15182	18.810	ug/l	99
42) 1,2-Dichloroethane	6.086	62	37015	21.022	ug/l	99
43) Isopropyl Acetate	6.342	43	45300	18.621	ug/l	99
44) Trichloroethene	7.129	130	23450	19.339	ug/l	98
45) 1,2-Dichloropropane	7.427	63	22487	20.337	ug/l	95
46) Dibromomethane	7.580	93	17047	20.103	ug/l	99
47) Bromodichloromethane	7.824	83	33606	20.910	ug/l	99
48) Methyl methacrylate	7.690	41	22816	18.160	ug/l	98
49) 1,4-Dioxane	7.696	88	8401	350.864	ug/l	93
51) 4-Methyl-2-Pentanone	8.574	43	143657	93.753	ug/l	99
52) Toluene	8.720	92	55944	19.907	ug/l	98
53) t-1,3-Dichloropropene	8.982	75	31024	18.920	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	33752	19.244	ug/l	97
55) 1,1,2-Trichloroethane	9.153	97	23685	20.012	ug/l	98
56) Ethyl methacrylate	9.116	69	33313	19.560	ug/l	100
57) 1,3-Dichloropropane	9.311	76	38856	20.330	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	80058	97.621	ug/l	100
59) 2-Hexanone	9.433	43	105865	93.111	ug/l	99
60) Dibromochloromethane	9.525	129	25857	20.002	ug/l	99
61) 1,2-Dibromoethane	9.610	107	25539	20.366	ug/l	97
64) Tetrachloroethene	9.275	164	20562	20.383	ug/l	96
65) Chlorobenzene	10.079	112	62704	20.310	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.165	131	23755	20.444	ug/l	99
67) Ethyl Benzene	10.195	91	111223	20.146	ug/l	99
68) m/p-Xylenes	10.305	106	85762	40.005	ug/l	100
69) o-Xylene	10.640	106	42621	20.448	ug/l	99
70) Styrene	10.653	104	70871	20.459	ug/l	99
71) Bromoform	10.799	173	18019	19.614	ug/l #	99
73) Isopropylbenzene	10.963	105	115296	20.159	ug/l	100
74) N-amyl acetate	10.842	43	39081	18.084	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	35816	19.509	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	31613m	19.687	ug/l	
77) Bromobenzene	11.201	156	28138	20.067	ug/l	99
78) n-propylbenzene	11.305	91	129125	19.595	ug/l	100
79) 2-Chlorotoluene	11.366	91	79650	20.183	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	98628	20.177	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	8169	16.188	ug/l	93
82) 4-Chlorotoluene	11.457	91	92557	20.044	ug/l	99
83) tert-Butylbenzene	11.713	119	99121	20.311	ug/l	100
84) 1,2,4-Trimethylbenzene	11.750	105	99253	20.415	ug/l	98
85) sec-Butylbenzene	11.890	105	117330	19.981	ug/l	99
86) p-Isopropyltoluene	12.012	119	97965	19.661	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	53473	20.217	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	54218	19.759	ug/l	99
89) n-Butylbenzene	12.335	91	81744	18.857	ug/l	99
90) Hexachloroethane	12.536	117	15632	19.207	ug/l	99
91) 1,2-Dichlorobenzene	12.335	146	53455	20.496	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	7060	17.539	ug/l	99
93) 1,2,4-Trichlorobenzene	13.591	180	32553	19.143	ug/l	99
94) Hexachlorobutadiene	13.725	225	13759	19.373	ug/l	99
95) Naphthalene	13.774	128	106870	18.861	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	32826	18.990	ug/l	99

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

