

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX110722\
 Data File : VX032619.D
 Acq On : 07 Nov 2022 12:08
 Operator : JC/MD
 Sample : VX1107WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1107WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/08/2022
 Supervised By : Mahesh Dadoda 11/08/2022

Quant Time: Nov 08 03:10:57 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	5.550	168	108080	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	165500	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	150143	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	77981	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	73139	48.703	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	97.400%		
35) Dibromofluoromethane	5.385	113	57479	48.689	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	97.380%		
50) Toluene-d8	8.647	98	195073	47.521	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	95.040%		
62) 4-Bromofluorobenzene	11.079	95	77710	48.463	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	96.920%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	22712	18.220	ug/l	99
3) Chloromethane	1.294	50	18208	17.272	ug/l	94
4) Vinyl Chloride	1.374	62	20504	17.673	ug/l	98
5) Bromomethane	1.611	94	20325	21.921	ug/l	95
6) Chloroethane	1.685	64	14069	18.076	ug/l	99
7) Trichlorofluoromethane	1.886	101	40448	18.399	ug/l	97
8) Diethyl Ether	2.136	74	13552	19.023	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.331	101	21598	18.614	ug/l	99
10) Methyl Iodide	2.453	142	19750	16.633	ug/l	99
11) Tert butyl alcohol	2.977	59	20009	91.542	ug/l	98
12) 1,1-Dichloroethene	2.319	96	18856	17.396	ug/l	89
13) Acrolein	2.239	56	23755	108.865	ug/l	100
14) Allyl chloride	2.666	41	31286	18.107	ug/l	97
15) Acrylonitrile	3.062	53	54779	92.344	ug/l	99
16) Acetone	2.386	43	50987	93.415	ug/l	98
17) Carbon Disulfide	2.514	76	42020	16.276	ug/l	97
18) Methyl Acetate	2.703	43	35987	20.275	ug/l	100
19) Methyl tert-butyl Ether	3.111	73	72734	19.092	ug/l	96
20) Methylene Chloride	2.788	84	23753	18.980	ug/l	96
21) trans-1,2-Dichloroethene	3.093	96	20886	17.703	ug/l	98
22) Diisopropyl ether	3.757	45	69896	18.702	ug/l #	84
23) Vinyl Acetate	3.721	43	280612	92.936	ug/l	99
24) 1,1-Dichloroethane	3.611	63	39913	18.567	ug/l	99
25) 2-Butanone	4.556	43	75761	89.592	ug/l	98
26) 2,2-Dichloropropane	4.477	77	32554	19.051	ug/l	100
27) cis-1,2-Dichloroethene	4.489	96	25267	18.528	ug/l	97
28) Bromochloromethane	4.903	49	13490	17.618	ug/l	99
29) Tetrahydrofuran	5.007	42	48020	89.054	ug/l	99
30) Chloroform	5.092	83	43881	18.603	ug/l	97
31) Cyclohexane	5.477	56	32198	17.683	ug/l	94
32) 1,1,1-Trichloroethane	5.385	97	40563	19.163	ug/l	100
36) 1,1-Dichloropropene	5.696	75	30458	18.527	ug/l	99
37) Ethyl Acetate	4.714	43	30348	17.735	ug/l	98
38) Carbon Tetrachloride	5.678	117	34748	19.057	ug/l	97
39) Methylcyclohexane	7.379	83	34896	17.941	ug/l	96
40) Benzene	6.044	78	87786	18.870	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	17427	19.992	ug/l	96
42) 1,2-Dichloroethane	6.086	62	38128	20.050	ug/l	100
43) Isopropyl Acetate	6.342	43	51520	19.609	ug/l	98
44) Trichloroethene	7.129	130	24688	18.852	ug/l	98
45) 1,2-Dichloropropane	7.434	63	23105	19.348	ug/l	99
46) Dibromomethane	7.586	93	17937	19.585	ug/l	99
47) Bromodichloromethane	7.824	83	33438	19.264	ug/l	99
48) Methyl methacrylate	7.696	41	25796	19.010	ug/l	97
49) 1,4-Dioxane	7.683	88	9148	353.753	ug/l	98
51) 4-Methyl-2-Pentanone	8.574	43	160403	96.925	ug/l	100
52) Toluene	8.720	92	56747	18.697	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	33997	19.196	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	37247	19.663	ug/l	98
55) 1,1,2-Trichloroethane	9.153	97	24633	19.271	ug/l	98
56) Ethyl methacrylate	9.116	69	36017	19.580	ug/l	96
57) 1,3-Dichloropropane	9.311	76	40647	19.691	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	84285	95.160	ug/l	100
59) 2-Hexanone	9.433	43	118835	96.774	ug/l	100
60) Dibromochloromethane	9.518	129	26752	19.161	ug/l	99
61) 1,2-Dibromoethane	9.610	107	25950	19.160	ug/l	100
64) Tetrachloroethene	9.275	164	21221	19.310	ug/l	95
65) Chlorobenzene	10.079	112	63811	18.973	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	24805	19.596	ug/l	97
67) Ethyl Benzene	10.195	91	113225	18.826	ug/l	99
68) m/p-Xylenes	10.305	106	86461	37.022	ug/l	97
69) o-Xylene	10.640	106	43407	19.117	ug/l	100
70) Styrene	10.659	104	71654	18.988	ug/l	100
71) Bromoform	10.799	173	18861	18.846	ug/l #	100
73) Isopropylbenzene	10.963	105	115984	18.770	ug/l	100
74) N-amyl acetate	10.841	43	45323	19.412	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	38147	19.232	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	34044m	19.623	ug/l	
77) Bromobenzene	11.201	156	29347	19.372	ug/l	97
78) n-propylbenzene	11.305	91	132497	18.611	ug/l	100
79) 2-Chlorotoluene	11.366	91	80500	18.880	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	98490	18.649	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	9847	18.061	ug/l	94
82) 4-Chlorotoluene	11.457	91	93732	18.787	ug/l	100
83) tert-Butylbenzene	11.719	119	97597	18.510	ug/l	98
84) 1,2,4-Trimethylbenzene	11.756	105	100355	19.105	ug/l	100
85) sec-Butylbenzene	11.890	105	118047	18.607	ug/l	99
86) p-Isopropyltoluene	12.012	119	99920	18.561	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	53741	18.806	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	55089	18.582	ug/l	99
89) n-Butylbenzene	12.335	91	86449	18.458	ug/l	99
90) Hexachloroethane	12.536	117	16419	18.672	ug/l	100
91) 1,2-Dichlorobenzene	12.335	146	53691	19.055	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	7980	18.349	ug/l	99
93) 1,2,4-Trichlorobenzene	13.585	180	34023	18.518	ug/l	99
94) Hexachlorobutadiene	13.725	225	14393	18.758	ug/l	98
95) Naphthalene	13.774	128	114689	18.734	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	34400	18.419	ug/l	100

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

