

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120622\
 Data File : VX033259.D
 Acq On : 06 Dec 2022 15:08
 Operator : JC/MD
 Sample : VX1206WBSD02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1206WBSD02

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 12/07/2022
 Supervised By :Mahesh Dadoda 12/07/2022

Quant Time: Dec 07 01:32:11 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112222W.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 22 13:58:46 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	139683	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	218668	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	197476	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	101506	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	73214	53.883	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 107.760%			
35) Dibromofluoromethane	5.385	113	65833	53.403	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 106.800%			
50) Toluene-d8	8.647	98	183710	49.507	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 99.020%			
62) 4-Bromofluorobenzene	11.079	95	85903	53.047	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 106.100%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	17137	16.058	ug/l	96
3) Chloromethane	1.294	50	19160	16.631	ug/l	99
4) Vinyl Chloride	1.374	62	21626	16.859	ug/l	98
5) Bromomethane	1.617	94	15980	16.800	ug/l	99
6) Chloroethane	1.691	64	16667	15.960	ug/l	99
7) Trichlorofluoromethane	1.892	101	45303	18.197	ug/l	98
8) Diethyl Ether	2.130	74	16386	20.906	ug/l	95
9) 1,1,2-Trichlorotrifluo...	2.331	101	25181	19.243	ug/l	97
10) Methyl Iodide	2.453	142	23598	15.753	ug/l	99
11) Tert butyl alcohol	3.001	59	21874	101.440	ug/l	100
12) 1,1-Dichloroethene	2.325	96	22935	18.815	ug/l	99
13) Acrolein	2.239	56	29518	119.174	ug/l	98
14) Allyl chloride	2.666	41	37843	19.229	ug/l	96
15) Acrylonitrile	3.068	53	63030	103.342	ug/l	99
16) Acetone	2.392	43	67441	106.158	ug/l	99
17) Carbon Disulfide	2.514	76	53032	15.747	ug/l	99
18) Methyl Acetate	2.709	43	36768	20.908	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	87678	20.740	ug/l	98
20) Methylene Chloride	2.788	84	27810	20.267	ug/l	93
21) trans-1,2-Dichloroethene	3.093	96	25460	18.259	ug/l	96
22) Diisopropyl ether	3.757	45	84694	19.764	ug/l #	86
23) Vinyl Acetate	3.721	43	324307	96.684	ug/l	98
24) 1,1-Dichloroethane	3.611	63	47821	19.502	ug/l	99
25) 2-Butanone	4.562	43	92100	105.136	ug/l	98
26) 2,2-Dichloropropane	4.477	77	37680	19.111	ug/l	99
27) cis-1,2-Dichloroethene	4.483	96	31559	19.920	ug/l	99
28) Bromochloromethane	4.903	49	22473	20.857	ug/l	97
29) Tetrahydrofuran	5.013	42	55236	99.370	ug/l	96
30) Chloroform	5.092	83	55688	20.277	ug/l	99
31) Cyclohexane	5.470	56	39730	18.025	ug/l	94
32) 1,1,1-Trichloroethane	5.385	97	48650	19.780	ug/l	99
36) 1,1-Dichloropropene	5.696	75	36984	18.763	ug/l	99
37) Ethyl Acetate	4.714	43	34389	19.997	ug/l	100
38) Carbon Tetrachloride	5.678	117	42424	19.401	ug/l	97
39) Methylcyclohexane	7.379	83	42125	18.730	ug/l	97
40) Benzene	6.037	78	107852	19.515	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	20297	20.976	ug/l	98
42) 1,2-Dichloroethane	6.092	62	44460	19.980	ug/l	98
43) Isopropyl Acetate	6.342	43	57005	20.043	ug/l	99
44) Trichloroethene	7.123	130	30192	19.468	ug/l	99
45) 1,2-Dichloropropane	7.433	63	27826	20.373	ug/l	93
46) Dibromomethane	7.586	93	21599	20.267	ug/l	98
47) Bromodichloromethane	7.824	83	42713	20.742	ug/l	97
48) Methyl methacrylate	7.696	41	29003	19.811	ug/l	96
49) 1,4-Dioxane	7.702	88	12162	451.310	ug/l	97
51) 4-Methyl-2-Pentanone	8.574	43	184187	104.951	ug/l	98
52) Toluene	8.720	92	71442	19.649	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	42615	20.193	ug/l	96
54) cis-1,3-Dichloropropene	8.366	75	45378	20.441	ug/l	94
55) 1,1,2-Trichloroethane	9.153	97	31349	21.177	ug/l	97
56) Ethyl methacrylate	9.116	69	42872	21.020	ug/l	94
57) 1,3-Dichloropropane	9.305	76	48976	20.494	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	102257	105.579	ug/l	99
59) 2-Hexanone	9.433	43	141493	109.140	ug/l	98
60) Dibromochloromethane	9.518	129	34725	21.788	ug/l	99
61) 1,2-Dibromoethane	9.610	107	32021	20.494	ug/l	98
64) Tetrachloroethene	9.275	164	26926	19.263	ug/l	99
65) Chlorobenzene	10.079	112	80833	20.531	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	31579	21.890	ug/l	97
67) Ethyl Benzene	10.195	91	140754	20.154	ug/l	99
68) m/p-Xylenes	10.299	106	110578	40.433	ug/l	99
69) o-Xylene	10.640	106	54242	20.498	ug/l	100
70) Styrene	10.652	104	90613	20.931	ug/l	98
71) Bromoform	10.799	173	25105	22.698	ug/l #	99
73) Isopropylbenzene	10.963	105	145285	20.030	ug/l	100
74) N-amyl acetate	10.841	43	49059	19.882	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.213	83	46095	21.055	ug/l	98
76) 1,2,3-Trichloropropane	11.238	75	40749m	21.197	ug/l	
77) Bromobenzene	11.195	156	36078	20.224	ug/l	99
78) n-propylbenzene	11.305	91	165419	19.946	ug/l	99
79) 2-Chlorotoluene	11.366	91	99572	19.768	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	122896	20.169	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	12255	20.722	ug/l	98
82) 4-Chlorotoluene	11.457	91	117051	19.830	ug/l	99
83) tert-Butylbenzene	11.713	119	124321	20.496	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	124432	20.480	ug/l	100
85) sec-Butylbenzene	11.890	105	147168	20.281	ug/l	100
86) p-Isopropyltoluene	12.012	119	127180	20.686	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	68440	20.455	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	69045	20.149	ug/l	99
89) n-Butylbenzene	12.335	91	106174	20.046	ug/l	99
90) Hexachloroethane	12.536	117	21238	21.026	ug/l	99
91) 1,2-Dichlorobenzene	12.335	146	67651	20.785	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	9901	22.667	ug/l	98
93) 1,2,4-Trichlorobenzene	13.591	180	41993	20.930	ug/l	98
94) Hexachlorobutadiene	13.725	225	17420	19.680	ug/l	99
95) Naphthalene	13.774	128	138687	21.367	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	42668	21.207	ug/l	99

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

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