

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060223\
 Data File : VX035979.D
 Acq On : 02 Jun 2023 13:20
 Operator : JC/MD
 Sample : VX0602WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0602WBSD01

Quant Time: Jun 05 01:34:36 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X053123W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 31 12:50:30 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 06/05/2023
 Supervised By : Mahesh Dadoda 06/05/2023

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	180078	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	313920	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	283345	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	133791	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	156146	53.398	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 106.800%			
35) Dibromofluoromethane	5.391	113	104003	49.258	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 98.520%			
50) Toluene-d8	8.647	98	373397	49.276	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 98.560%			
62) 4-Bromofluorobenzene	11.079	95	152449	50.963	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 101.920%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	38699	19.669	ug/l	97
3) Chloromethane	1.294	50	39663	17.637	ug/l	96
4) Vinyl Chloride	1.374	62	39004	18.464	ug/l	99
5) Bromomethane	1.611	94	22070	15.863	ug/l	99
6) Chloroethane	1.691	64	23107	18.577	ug/l	94
7) Trichlorofluoromethane	1.886	101	58994	19.846	ug/l	96
8) Diethyl Ether	2.130	74	23637	18.310	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.325	101	36401	19.731	ug/l	99
10) Methyl Iodide	2.453	142	29365	13.522	ug/l	99
11) Tert butyl alcohol	3.014	59	56977	109.715	ug/l #	91
12) 1,1-Dichloroethene	2.319	96	31729	17.563	ug/l	97
13) Acrolein	2.239	56	47600	95.156	ug/l	99
14) Allyl chloride	2.660	41	67391	18.146	ug/l	99
15) Acrylonitrile	3.068	53	124727	102.223	ug/l	98
16) Acetone	2.398	43	120619	99.982	ug/l	98
17) Carbon Disulfide	2.508	76	70791	15.638	ug/l	99
18) Methyl Acetate	2.709	43	97178	20.720	ug/l	100
19) Methyl tert-butyl Ether	3.111	73	138794	19.612	ug/l	100
20) Methylene Chloride	2.788	84	40891	17.596	ug/l	97
21) trans-1,2-Dichloroethene	3.087	96	35756	17.314	ug/l	95
22) Diisopropyl ether	3.757	45	139850	19.360	ug/l	97
23) Vinyl Acetate	3.721	43	514682	101.413	ug/l	100
24) 1,1-Dichloroethane	3.611	63	75281	18.790	ug/l	98
25) 2-Butanone	4.562	43	185381	107.362	ug/l	99
26) 2,2-Dichloropropane	4.477	77	56532	18.512	ug/l	98
27) cis-1,2-Dichloroethene	4.483	96	43384	17.503	ug/l	99
28) Bromochloromethane	4.897	49	40777	19.436	ug/l	99
29) Tetrahydrofuran	5.013	42	117256	105.379	ug/l	100
30) Chloroform	5.092	83	79902	19.362	ug/l	99
31) Cyclohexane	5.470	56	61554	20.105	ug/l	96
32) 1,1,1-Trichloroethane	5.379	97	66838	19.167	ug/l	99
36) 1,1-Dichloropropene	5.690	75	54748	19.447	ug/l	99
37) Ethyl Acetate	4.714	43	68914	21.980	ug/l	99
38) Carbon Tetrachloride	5.678	117	53324	19.437	ug/l	97
39) Methylcyclohexane	7.379	83	59486	20.252	ug/l	97
40) Benzene	6.037	78	157192	18.604	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	39275	22.082	ug/l	98
42) 1,2-Dichloroethane	6.086	62	72680	21.722	ug/l	99
43) Isopropyl Acetate	6.336	43	108253	20.999	ug/l	99
44) Trichloroethene	7.123	130	38778	17.692	ug/l	96
45) 1,2-Dichloropropane	7.427	63	42352	19.044	ug/l	95
46) Dibromomethane	7.580	93	31155	20.168	ug/l	96
47) Bromodichloromethane	7.824	83	56326	19.384	ug/l	97
48) Methyl methacrylate	7.690	41	53571	21.190	ug/l	99
49) 1,4-Dioxane	7.720	88	23635	408.198	ug/l	98
51) 4-Methyl-2-Pentanone	8.574	43	352237	111.935	ug/l	99
52) Toluene	8.720	92	99546	18.740	ug/l	97
53) t-1,3-Dichloropropene	8.976	75	57582	18.745	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	63917	18.843	ug/l	97
55) 1,1,2-Trichloroethane	9.153	97	42490	19.199	ug/l	98
56) Ethyl methacrylate	9.116	69	65733	19.866	ug/l	97
57) 1,3-Dichloropropane	9.305	76	75653	19.863	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	183373	105.767	ug/l	99
59) 2-Hexanone	9.433	43	270377	116.218	ug/l	98
60) Dibromochloromethane	9.518	129	38328	17.840	ug/l	99
61) 1,2-Dibromoethane	9.610	107	43844	19.378	ug/l	99
64) Tetrachloroethene	9.275	164	32241	18.107	ug/l	98
65) Chlorobenzene	10.079	112	107092	18.731	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.159	131	37210	18.505	ug/l	98
67) Ethyl Benzene	10.195	91	196280	19.290	ug/l	99
68) m/p-Xylenes	10.299	106	146725	38.009	ug/l	100
69) o-Xylene	10.640	106	72109	18.589	ug/l	100
70) Styrene	10.652	104	117922	18.814	ug/l	99
71) Bromoform	10.799	173	23879	17.147	ug/l #	98
73) Isopropylbenzene	10.963	105	187966	19.333	ug/l	99
74) N-amyl acetate	10.841	43	89996	21.237	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	68309	20.539	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	64297m	21.308	ug/l	
77) Bromobenzene	11.201	156	43098	17.925	ug/l	96
78) n-propylbenzene	11.305	91	224451	20.454	ug/l	100
79) 2-Chlorotoluene	11.366	91	141428	19.790	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	164204	20.032	ug/l	97
81) trans-1,4-Dichloro-2-b...	11.018	75	15362	17.148	ug/l	89
82) 4-Chlorotoluene	11.457	91	163286	19.907	ug/l	100
83) tert-Butylbenzene	11.713	119	155885	19.906	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	164268	19.527	ug/l	99
85) sec-Butylbenzene	11.890	105	189827	20.436	ug/l	99
86) p-Isopropyltoluene	12.006	119	159702	20.110	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	82389	18.707	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	84094	18.125	ug/l	99
89) n-Butylbenzene	12.335	91	139732	20.827	ug/l	98
90) Hexachloroethane	12.536	117	22329	17.731	ug/l	99
91) 1,2-Dichlorobenzene	12.335	146	84777	19.337	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	15220	22.175	ug/l	96
93) 1,2,4-Trichlorobenzene	13.585	180	48114	18.858	ug/l	99
94) Hexachlorobutadiene	13.725	225	18783	19.353	ug/l	95
95) Naphthalene	13.774	128	184421	20.768	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	48235	19.166	ug/l	98

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

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