

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051923\
 Data File : VX035755.D
 Acq On : 19 May 2023 13:10
 Operator : JC/MD
 Sample : VX0519WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0519WBS01

Quant Time: May 22 05:14:54 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051123W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 11 13:57:54 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 05/22/2023
 Supervised By : Mahesh Dadoda 05/22/2023

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	193180	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	339485	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	307011	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	143505	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	179130	53.153	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 106.300%			
35) Dibromofluoromethane	5.385	113	122603	53.551	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 107.100%			
50) Toluene-d8	8.647	98	440119	52.036	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 104.080%			
62) 4-Bromofluorobenzene	11.079	95	181767	53.374	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 106.740%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	52530	20.865	ug/l	99
3) Chloromethane	1.294	50	54082	17.701	ug/l	99
4) Vinyl Chloride	1.374	62	53446	20.613	ug/l	97
5) Bromomethane	1.617	94	32152	22.896	ug/l	96
6) Chloroethane	1.691	64	33153	21.076	ug/l	99
7) Trichlorofluoromethane	1.892	101	78216	20.516	ug/l	99
8) Diethyl Ether	2.130	74	30221	20.588	ug/l	96
9) 1,1,2-Trichlorotrifluo...	2.331	101	46353	20.478	ug/l	94
10) Methyl Iodide	2.453	142	42752	21.118	ug/l	91
11) Tert butyl alcohol	3.081	59	55290m	92.991	ug/l	
12) 1,1-Dichloroethene	2.319	96	39974	18.581	ug/l	86
13) Acrolein	2.245	56	63675	90.231	ug/l	99
14) Allyl chloride	2.666	41	80392	17.443	ug/l	91
15) Acrylonitrile	3.074	53	129045	98.563	ug/l	99
16) Acetone	2.410	43	125496	86.641	ug/l	96
17) Carbon Disulfide	2.514	76	85694	16.505	ug/l	100
18) Methyl Acetate	2.709	43	109210	20.444	ug/l	96
19) Methyl tert-butyl Ether	3.111	73	160675	18.769	ug/l	98
20) Methylene Chloride	2.788	84	49696	18.931	ug/l	95
21) trans-1,2-Dichloroethene	3.093	96	44346	18.812	ug/l	88
22) Diisopropyl ether	3.757	45	170245	18.866	ug/l	94
23) Vinyl Acetate	3.721	43	583144	91.331	ug/l	95
24) 1,1-Dichloroethane	3.611	63	93275	19.327	ug/l	97
25) 2-Butanone	4.580	43	189167	94.342	ug/l	98
26) 2,2-Dichloropropane	4.471	77	68945	16.870	ug/l	97
27) cis-1,2-Dichloroethene	4.489	96	53462	18.866	ug/l	94
28) Bromochloromethane	4.897	49	49370	22.743	ug/l	93
29) Tetrahydrofuran	5.019	42	123377	97.896	ug/l	97
30) Chloroform	5.092	83	94868	19.183	ug/l	99
31) Cyclohexane	5.470	56	83350	19.576	ug/l	98
32) 1,1,1-Trichloroethane	5.385	97	81332	18.902	ug/l	98
36) 1,1-Dichloropropene	5.696	75	69922	19.348	ug/l	97
37) Ethyl Acetate	4.721	43	74268	19.703	ug/l	99
38) Carbon Tetrachloride	5.678	117	65103	19.017	ug/l	98
39) Methylcyclohexane	7.379	83	82511	19.396	ug/l	93
40) Benzene	6.037	78	194093	19.199	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	42901	19.169	ug/l	95
42) 1,2-Dichloroethane	6.086	62	86395	19.866	ug/l	97
43) Isopropyl Acetate	6.342	43	121511	18.487	ug/l	98
44) Trichloroethene	7.123	130	47378	18.482	ug/l	87
45) 1,2-Dichloropropane	7.427	63	52155	19.479	ug/l	100
46) Dibromomethane	7.580	93	35485	19.361	ug/l	92
47) Bromodichloromethane	7.824	83	65813	18.578	ug/l	96
48) Methyl methacrylate	7.696	41	60548	18.666	ug/l	94
49) 1,4-Dioxane	7.738	88	25192	363.109	ug/l #	75
51) 4-Methyl-2-Pentanone	8.573	43	382175	100.926	ug/l	97
52) Toluene	8.720	92	121685	19.068	ug/l	100
53) t-1,3-Dichloropropene	8.976	75	67542	17.549	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	75656	18.347	ug/l	95
55) 1,1,2-Trichloroethane	9.153	97	48353	19.291	ug/l	99
56) Ethyl methacrylate	9.116	69	76656	18.885	ug/l	94
57) 1,3-Dichloropropane	9.305	76	88109	19.391	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	178155	86.277	ug/l	98
59) 2-Hexanone	9.433	43	284587	99.794	ug/l	97
60) Dibromochloromethane	9.518	129	43679	18.281	ug/l	99
61) 1,2-Dibromoethane	9.610	107	49996	18.932	ug/l	99
64) Tetrachloroethene	9.275	164	39278	19.003	ug/l	93
65) Chlorobenzene	10.079	112	125689	18.755	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.165	131	43791	18.480	ug/l	99
67) Ethyl Benzene	10.195	91	239908	19.034	ug/l	97
68) m/p-Xylenes	10.299	106	178840	38.386	ug/l	95
69) o-Xylene	10.640	106	87948	19.024	ug/l	94
70) Styrene	10.652	104	142140	19.077	ug/l	98
71) Bromoform	10.799	173	25922	16.626	ug/l #	97
73) Isopropylbenzene	10.963	105	233743	19.330	ug/l	98
74) N-amyl acetate	10.841	43	100545	17.833	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.213	83	74398	18.966	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	70702m	20.142	ug/l	
77) Bromobenzene	11.195	156	51598	18.799	ug/l	92
78) n-propylbenzene	11.305	91	274406	19.304	ug/l	98
79) 2-Chlorotoluene	11.366	91	167875	18.863	ug/l	97
80) 1,3,5-Trimethylbenzene	11.451	105	198496	19.313	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.018	75	16488	15.138	ug/l #	74
82) 4-Chlorotoluene	11.451	91	195719	19.096	ug/l	98
83) tert-Butylbenzene	11.713	119	189053	18.924	ug/l	95
84) 1,2,4-Trimethylbenzene	11.750	105	198183	19.204	ug/l	97
85) sec-Butylbenzene	11.890	105	241396	19.245	ug/l	98
86) p-Isopropyltoluene	12.006	119	198836	19.281	ug/l	97
87) 1,3-Dichlorobenzene	11.969	146	96274	18.465	ug/l	98
88) 1,4-Dichlorobenzene	12.042	146	97374	18.495	ug/l	97
89) n-Butylbenzene	12.329	91	175577	18.716	ug/l	97
90) Hexachloroethane	12.536	117	27551	17.627	ug/l	90
91) 1,2-Dichlorobenzene	12.335	146	95219	18.649	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.939	75	15235	17.441	ug/l	88
93) 1,2,4-Trichlorobenzene	13.585	180	56216	18.286	ug/l	98
94) Hexachlorobutadiene	13.725	225	22277	18.256	ug/l	99
95) Naphthalene	13.774	128	200165	19.012	ug/l	99
96) 1,2,3-Trichlorobenzene	13.957	180	56382	18.648	ug/l	98

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

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