

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051723\
 Data File : VX035707.D
 Acq On : 17 May 2023 10:52
 Operator : JC/MD
 Sample : VX0517WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0517WBS01

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 05/18/2023
 Supervised By :Mahesh Dadoda 05/18/2023

Quant Time: May 18 04:39:04 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

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	215936	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	381413	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	343136	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	157875	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	200737	53.287	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 106.580%	
35) Dibromofluoromethane	5.385	113	136533	53.079	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 106.160%	
50) Toluene-d8	8.647	98	490995	51.670	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 103.340%	
62) 4-Bromofluorobenzene	11.079	95	198593	51.905	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 103.800%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	50287	17.869	ug/l	99
3) Chloromethane	1.294	50	55123	16.141	ug/l	99
4) Vinyl Chloride	1.374	62	51956	17.926	ug/l	98
5) Bromomethane	1.617	94	32265	20.555	ug/l	98
6) Chloroethane	1.691	64	32878	18.699	ug/l	96
7) Trichlorofluoromethane	1.892	101	79248	18.596	ug/l	99
8) Diethyl Ether	2.136	74	31493	19.193	ug/l	95
9) 1,1,2-Trichlorotrifluo...	2.331	101	47252	18.675	ug/l	95
10) Methyl Iodide	2.453	142	43937	19.416	ug/l	# 89
11) Tert butyl alcohol	3.026	59	64783	97.475	ug/l	# 93
12) 1,1-Dichloroethene	2.325	96	43421	18.057	ug/l	93
13) Acrolein	2.239	56	76753	97.302	ug/l	100
14) Allyl chloride	2.666	41	89299	17.334	ug/l	91
15) Acrylonitrile	3.068	53	146279	99.952	ug/l	97
16) Acetone	2.398	43	163238	100.821	ug/l	92
17) Carbon Disulfide	2.514	76	88100	15.180	ug/l	97
18) Methyl Acetate	2.709	43	122394	20.498	ug/l	98
19) Methyl tert-butyl Ether	3.111	73	178168	18.619	ug/l	100
20) Methylene Chloride	2.788	84	53546	18.248	ug/l	97
21) trans-1,2-Dichloroethene	3.093	96	47183	17.906	ug/l	95
22) Diisopropyl ether	3.757	45	188024	18.641	ug/l	99
23) Vinyl Acetate	3.721	43	672542	94.232	ug/l	96
24) 1,1-Dichloroethane	3.611	63	99725	18.486	ug/l	99
25) 2-Butanone	4.568	43	226096	100.877	ug/l	99
26) 2,2-Dichloropropane	4.477	77	80498	17.621	ug/l	97
27) cis-1,2-Dichloroethene	4.489	96	58050	18.326	ug/l	94
28) Bromochloromethane	4.897	49	41092	16.935	ug/l	94
29) Tetrahydrofuran	5.013	42	137473	97.586	ug/l	99
30) Chloroform	5.099	83	103977	18.809	ug/l	99
31) Cyclohexane	5.476	56	84885	17.835	ug/l	96
32) 1,1,1-Trichloroethane	5.379	97	87718	18.238	ug/l	98
36) 1,1-Dichloropropene	5.690	75	73706	18.153	ug/l	98
37) Ethyl Acetate	4.714	43	82939	19.585	ug/l	99
38) Carbon Tetrachloride	5.678	117	69298	18.017	ug/l	96
39) Methylcyclohexane	7.379	83	84676	17.717	ug/l	93
40) Benzene	6.037	78	208364	18.345	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	49870	19.834	ug/l	96
42) 1,2-Dichloroethane	6.086	62	93743	19.186	ug/l	96
43) Isopropyl Acetate	6.342	43	139379	18.874	ug/l	99
44) Trichloroethene	7.123	130	51303	17.813	ug/l	95
45) 1,2-Dichloropropane	7.427	63	56930	18.925	ug/l	97
46) Dibromomethane	7.580	93	38461	18.678	ug/l	94
47) Bromodichloromethane	7.824	83	72265	18.157	ug/l	99
48) Methyl methacrylate	7.689	41	68992	18.931	ug/l	95
49) 1,4-Dioxane	7.726	88	27569	353.437	ug/l	96
51) 4-Methyl-2-Pentanone	8.573	43	436323	102.559	ug/l	97
52) Toluene	8.720	92	130653	18.222	ug/l	98
53) t-1,3-Dichloropropene	8.976	75	78497	18.153	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	84889	18.323	ug/l	95
55) 1,1,2-Trichloroethane	9.153	97	54413	19.322	ug/l	98
56) Ethyl methacrylate	9.116	69	85992	18.856	ug/l	96
57) 1,3-Dichloropropane	9.305	76	97897	19.177	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	208686	89.953	ug/l	99
59) 2-Hexanone	9.427	43	330652	103.201	ug/l	97
60) Dibromochloromethane	9.518	129	48552	18.087	ug/l	99
61) 1,2-Dibromoethane	9.610	107	56445	19.024	ug/l	99
64) Tetrachloroethene	9.275	164	41536	17.980	ug/l	96
65) Chlorobenzene	10.079	112	137540	18.362	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	48324	18.246	ug/l	99
67) Ethyl Benzene	10.195	91	257146	18.254	ug/l	97
68) m/p-Xylenes	10.299	106	190068	36.501	ug/l	93
69) o-Xylene	10.640	106	93900	18.173	ug/l	93
70) Styrene	10.652	104	153500	18.433	ug/l	98
71) Bromoform	10.799	173	29337	16.835	ug/l #	99
73) Isopropylbenzene	10.963	105	250741	18.848	ug/l	98
74) N-amyl acetate	10.841	43	115776	18.665	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.213	83	84125	19.494	ug/l	98
76) 1,2,3-Trichloropropane	11.238	75	80829m	20.931	ug/l	
77) Bromobenzene	11.195	156	55503	18.382	ug/l	90
78) n-propylbenzene	11.305	91	299544	19.155	ug/l	97
79) 2-Chlorotoluene	11.366	91	182550	18.645	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	214864	19.003	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.018	75	20037	16.722	ug/l #	77
82) 4-Chlorotoluene	11.457	91	211523	18.759	ug/l	98
83) tert-Butylbenzene	11.713	119	206763	18.812	ug/l	95
84) 1,2,4-Trimethylbenzene	11.750	105	214446	18.889	ug/l	97
85) sec-Butylbenzene	11.890	105	263357	19.084	ug/l	97
86) p-Isopropyltoluene	12.006	119	215477	18.993	ug/l	97
87) 1,3-Dichlorobenzene	11.969	146	107674	18.771	ug/l	98
88) 1,4-Dichlorobenzene	12.042	146	106620	18.407	ug/l	96
89) n-Butylbenzene	12.329	91	192804	18.682	ug/l	98
90) Hexachloroethane	12.536	117	30113	17.512	ug/l	97
91) 1,2-Dichlorobenzene	12.335	146	105289	18.745	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	17738	18.458	ug/l	89
93) 1,2,4-Trichlorobenzene	13.585	180	63607	18.807	ug/l	98
94) Hexachlorobutadiene	13.725	225	24411	18.184	ug/l	99
95) Naphthalene	13.774	128	225291	19.451	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	62031	18.649	ug/l	97

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

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