

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042723\
 Data File : VX035359.D
 Acq On : 28 Apr 2023 02:40
 Operator : JC/MD
 Sample : VX0427WBSD02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0427WBSD02

Quant Time: Apr 28 05:41:44 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X042523W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 25 16:31:40 2023
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 04/28/2023
 Supervised By : Mahesh Dadoda 04/28/2023

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	239905	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	382188	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	337737	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	164634	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	124483	43.010	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	86.020%		
35) Dibromofluoromethane	5.385	113	103733	44.222	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	88.440%		
50) Toluene-d8	8.647	98	379190	42.851	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	85.700%#		
62) 4-Bromofluorobenzene	11.079	95	143518	43.114	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	86.220%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	43042	16.956	ug/l	100
3) Chloromethane	1.294	50	35780	15.494	ug/l	98
4) Vinyl Chloride	1.374	62	36773	15.877	ug/l	97
5) Bromomethane	1.618	94	24932	16.196	ug/l	94
6) Chloroethane	1.691	64	21160	15.621	ug/l	98
7) Trichlorofluoromethane	1.892	101	61220	16.902	ug/l	96
8) Diethyl Ether	2.130	74	21372	16.184	ug/l	92
9) 1,1,2-Trichlorotrifluo...	2.331	101	38518	15.922	ug/l	94
10) Methyl Iodide	2.453	142	42734	13.997	ug/l	96
11) Tert butyl alcohol	3.014	59	44739m	84.894	ug/l	
12) 1,1-Dichloroethene	2.325	96	37690	16.175	ug/l	92
13) Acrolein	2.239	56	45297	87.401	ug/l	100
14) Allyl chloride	2.666	41	64402	15.706	ug/l	97
15) Acrylonitrile	3.069	53	110192	83.601	ug/l	98
16) Acetone	2.398	43	91809	73.035	ug/l	97
17) Carbon Disulfide	2.514	76	85242	15.261	ug/l	99
18) Methyl Acetate	2.709	43	80816	16.625	ug/l	98
19) Methyl tert-butyl Ether	3.111	73	136932	17.130	ug/l	96
20) Methylene Chloride	2.788	84	45167	15.670	ug/l	93
21) trans-1,2-Dichloroethene	3.093	96	41480	16.391	ug/l	98
22) Diisopropyl ether	3.757	45	135341	16.679	ug/l	97
23) Vinyl Acetate	3.721	43	465262	83.417	ug/l	99
24) 1,1-Dichloroethane	3.611	63	76172	16.666	ug/l	99
25) 2-Butanone	4.568	43	145946	79.544	ug/l	94
26) 2,2-Dichloropropane	4.477	77	48376	13.510	ug/l	96
27) cis-1,2-Dichloroethene	4.489	96	48821	16.412	ug/l	93
28) Bromochloromethane	4.898	49	41476	21.294	ug/l #	81
29) Tetrahydrofuran	5.013	42	94310	80.183	ug/l	94
30) Chloroform	5.099	83	78466	17.006	ug/l	99
31) Cyclohexane	5.477	56	65587	15.975	ug/l	97
32) 1,1,1-Trichloroethane	5.385	97	68172	16.859	ug/l	97
36) 1,1-Dichloropropene	5.690	75	57346	15.656	ug/l	98
37) Ethyl Acetate	4.715	43	54300	16.231	ug/l	95
38) Carbon Tetrachloride	5.678	117	57634	16.575	ug/l	96
39) Methylcyclohexane	7.379	83	67897	15.229	ug/l	99
40) Benzene	6.038	78	170940	16.269	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	32320	16.861	ug/l	97
42) 1,2-Dichloroethane	6.086	62	63053	16.831	ug/l	98
43) Isopropyl Acetate	6.342	43	90702	16.136	ug/l	96
44) Trichloroethene	7.129	130	47441	16.390	ug/l	92
45) 1,2-Dichloropropane	7.428	63	43523	16.430	ug/l	98
46) Dibromomethane	7.580	93	29957	16.468	ug/l	92
47) Bromodichloromethane	7.824	83	55690	16.616	ug/l	98
48) Methyl methacrylate	7.696	41	44323	16.074	ug/l	91
49) 1,4-Dioxane	7.726	88	23092	343.571	ug/l #	80
51) 4-Methyl-2-Pentanone	8.574	43	284944	82.509	ug/l	96
52) Toluene	8.720	92	110546	16.598	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	56400	16.113	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	65286	16.502	ug/l	92
55) 1,1,2-Trichloroethane	9.153	97	44057	16.593	ug/l	95
56) Ethyl methacrylate	9.116	69	66546	16.825	ug/l	91
57) 1,3-Dichloropropane	9.311	76	75509	16.627	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	202356	102.320	ug/l	95
59) 2-Hexanone	9.427	43	210406	81.099	ug/l	95
60) Dibromochloromethane	9.519	129	42826	16.835	ug/l	97
61) 1,2-Dibromoethane	9.610	107	45748	16.714	ug/l	99
64) Tetrachloroethene	9.275	164	43372	16.772	ug/l	98
65) Chlorobenzene	10.079	112	118659	16.239	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.165	131	42338	16.649	ug/l	99
67) Ethyl Benzene	10.195	91	206132	16.290	ug/l	99
68) m/p-Xylenes	10.299	106	160190	33.037	ug/l	99
69) o-Xylene	10.640	106	78963	16.607	ug/l	99
70) Styrene	10.653	104	128416	16.657	ug/l	99
71) Bromoform	10.799	173	28437	16.077	ug/l #	99
73) Isopropylbenzene	10.963	105	206452	17.155	ug/l	99
74) N-amyl acetate	10.842	43	76031	16.811	ug/l	95
75) 1,1,2,2-Tetrachloroethane	11.213	83	64377	17.235	ug/l	98
76) 1,2,3-Trichloropropane	11.238	75	52741m	16.060	ug/l	
77) Bromobenzene	11.195	156	51190	17.112	ug/l	89
78) n-propylbenzene	11.305	91	229328	16.592	ug/l	100
79) 2-Chlorotoluene	11.366	91	144597	16.742	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	174246	17.171	ug/l	97
81) trans-1,4-Dichloro-2-b...	11.018	75	13278	13.095	ug/l	87
82) 4-Chlorotoluene	11.451	91	162782	16.781	ug/l	97
83) tert-Butylbenzene	11.713	119	168934	16.592	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	176238	17.285	ug/l	99
85) sec-Butylbenzene	11.890	105	206296	16.518	ug/l	100
86) p-Isopropyltoluene	12.006	119	177040	16.668	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	96022	16.890	ug/l	98
88) 1,4-Dichlorobenzene	12.043	146	95036	15.944	ug/l	99
89) n-Butylbenzene	12.335	91	135180	15.076	ug/l	99
90) Hexachloroethane	12.536	117	24536	15.090	ug/l	83
91) 1,2-Dichlorobenzene	12.335	146	94652	16.646	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	12390	16.542	ug/l	83
93) 1,2,4-Trichlorobenzene	13.585	180	59021	16.514	ug/l	99
94) Hexachlorobutadiene	13.725	225	24555	15.654	ug/l	97
95) Naphthalene	13.774	128	195511	17.769	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	60554	16.830	ug/l	97

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

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