

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080423\
 Data File : VX036798.D
 Acq On : 04 Aug 2023 10:05
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Aug 04 23:04:14 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072123W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 21 12:14:12 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 08/07/2023
 Supervised By : Semsettin Yesilyurt 08/07/2023

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	149480	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	256624	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	228735	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	117122	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	104955	47.453	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	94.900%		
35) Dibromofluoromethane	5.379	113	86124	48.826	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	97.660%		
50) Toluene-d8	8.647	98	292953	46.834	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	93.660%		
62) 4-Bromofluorobenzene	11.079	95	117375	49.736	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	99.480%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	106945	54.158	ug/l	97
3) Chloromethane	1.300	50	90067	50.147	ug/l	97
4) Vinyl Chloride	1.374	62	97498	53.318	ug/l	99
5) Bromomethane	1.599	94	63927	58.557	ug/l	99
6) Chloroethane	1.678	64	60181	67.692	ug/l	98
7) Trichlorofluoromethane	1.880	101	168528	59.680	ug/l	99
8) Diethyl Ether	2.136	74	59881	54.810	ug/l	77
9) 1,1,2-Trichlorotrifluo...	2.325	101	94276	55.569	ug/l	98
10) Methyl Iodide	2.453	142	105700	59.983	ug/l	94
11) Tert butyl alcohol	2.965	59	131334	250.817	ug/l #	92
12) 1,1-Dichloroethene	2.319	96	90162	53.866	ug/l	86
13) Acrolein	2.233	56	76088	254.618	ug/l	98
14) Allyl chloride	2.660	41	157251	47.710	ug/l #	95
15) Acrylonitrile	3.062	53	265919	252.527	ug/l	100
16) Acetone	2.380	43	251745	274.291	ug/l	92
17) Carbon Disulfide	2.508	76	244721	52.974	ug/l	100
18) Methyl Acetate	2.703	43	189040	48.961	ug/l	94
19) Methyl tert-butyl Ether	3.111	73	338064	53.747	ug/l	100
20) Methylene Chloride	2.788	84	101562	49.757	ug/l	93
21) trans-1,2-Dichloroethene	3.087	96	100741	53.852	ug/l	92
22) Diisopropyl ether	3.757	45	303798	48.545	ug/l #	92
23) Vinyl Acetate	3.721	43	1203692	250.747	ug/l #	94
24) 1,1-Dichloroethane	3.605	63	182084	51.895	ug/l	98
25) 2-Butanone	4.550	43	376406	252.777	ug/l	93
26) 2,2-Dichloropropane	4.471	77	168475	50.958	ug/l	98
27) cis-1,2-Dichloroethene	4.483	96	117360	52.819	ug/l	93
28) Bromochloromethane	4.897	49	77652	45.761	ug/l	88
29) Tetrahydrofuran	5.001	42	237288	247.165	ug/l	90
30) Chloroform	5.092	83	192402	53.599	ug/l	98
31) Cyclohexane	5.470	56	156433	51.082	ug/l	95
32) 1,1,1-Trichloroethane	5.379	97	175490	53.354	ug/l	98
36) 1,1-Dichloropropene	5.690	75	141323	53.754	ug/l	97
37) Ethyl Acetate	4.708	43	148762	49.992	ug/l	97
38) Carbon Tetrachloride	5.678	117	155464	55.621	ug/l	98
39) Methylcyclohexane	7.379	83	177287	54.231	ug/l	93
40) Benzene	6.037	78	405458	53.007	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	80889	50.825	ug/l	93
42) 1,2-Dichloroethane	6.086	62	156289	55.884	ug/l	96
43) Isopropyl Acetate	6.336	43	249218	48.654	ug/l	95
44) Trichloroethene	7.123	130	110020	55.027	ug/l	99
45) 1,2-Dichloropropane	7.427	63	104111	50.979	ug/l	98
46) Dibromomethane	7.580	93	78304	54.785	ug/l	96
47) Bromodichloromethane	7.818	83	155970	53.162	ug/l	97
48) Methyl methacrylate	7.690	41	116850	49.052	ug/l	88
49) 1,4-Dioxane	7.659	88	51696	1074.238	ug/l #	89
51) 4-Methyl-2-Pentanone	8.574	43	711023	250.834	ug/l	95
52) Toluene	8.720	92	259245	54.090	ug/l	98
53) t-1,3-Dichloropropene	8.976	75	175148	52.819	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	183891	52.554	ug/l	91
55) 1,1,2-Trichloroethane	9.153	97	108026	53.619	ug/l	99
56) Ethyl methacrylate	9.116	69	172220	52.495	ug/l	93
57) 1,3-Dichloropropane	9.305	76	180249	53.715	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	377327	233.423	ug/l	96
59) 2-Hexanone	9.427	43	535591	254.587	ug/l	93
60) Dibromochloromethane	9.519	129	121914	55.055	ug/l	100
61) 1,2-Dibromoethane	9.610	107	115697	55.409	ug/l	100
64) Tetrachloroethene	9.275	164	93755	54.953	ug/l	99
65) Chlorobenzene	10.079	112	275685	54.678	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	107552	55.189	ug/l	99
67) Ethyl Benzene	10.195	91	498450	54.116	ug/l	99
68) m/p-Xylenes	10.299	106	382105	111.186	ug/l	98
69) o-Xylene	10.640	106	186958	54.501	ug/l	99
70) Styrene	10.652	104	310494	54.861	ug/l	98
71) Bromoform	10.799	173	86382	54.758	ug/l #	99
73) Isopropylbenzene	10.963	105	488397	50.387	ug/l	98
74) N-amyl acetate	10.841	43	207225	45.846	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.213	83	161083	49.204	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	137548m	49.930	ug/l	
77) Bromobenzene	11.195	156	115463	52.307	ug/l	94
78) n-propylbenzene	11.305	91	574778	51.274	ug/l	100
79) 2-Chlorotoluene	11.366	91	341313	50.247	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	420077	51.805	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	56903	46.817	ug/l	88
82) 4-Chlorotoluene	11.451	91	396258	51.198	ug/l	99
83) tert-Butylbenzene	11.713	119	406470	51.025	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	419562	51.737	ug/l	98
85) sec-Butylbenzene	11.890	105	514966	51.836	ug/l	99
86) p-Isopropyltoluene	12.006	119	438497	53.642	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	217118	53.106	ug/l	98
88) 1,4-Dichlorobenzene	12.042	146	218101	53.755	ug/l	99
89) n-Butylbenzene	12.329	91	389378	53.211	ug/l	99
90) Hexachloroethane	12.536	117	82105	49.545	ug/l	96
91) 1,2-Dichlorobenzene	12.335	146	211066	53.499	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	38657	50.814	ug/l	87
93) 1,2,4-Trichlorobenzene	13.585	180	135263	55.648	ug/l	98
94) Hexachlorobutadiene	13.725	225	54096	53.795	ug/l	98
95) Naphthalene	13.774	128	464379	54.824	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	133882	55.885	ug/l	99

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

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