

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071724\
 Data File : VX042359.D
 Acq On : 17 Jul 2024 16:32
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 07/18/2024
 Supervised By : Mahesh Dadoda 07/18/2024

Quant Time: Jul 18 00:58:47 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061824W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 21 23:51:58 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	160487	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.757	114	222311	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	205408	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	122360	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	85714	46.316	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	92.640%		
35) Dibromofluoromethane	5.379	113	86448	54.804	ug/l	-0.01
Spiked Amount 50.000	Range 75 - 124		Recovery =	109.600%		
50) Toluene-d8	8.647	98	276310	49.862	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	99.720%		
62) 4-Bromofluorobenzene	11.079	95	113718	55.669	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	111.340%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	65203	53.329	ug/l	97
3) Chloromethane	1.301	50	62494	40.743	ug/l	97
4) Vinyl Chloride	1.374	62	64688	42.072	ug/l	99
5) Bromomethane	1.593	94	36465	48.028	ug/l	98
6) Chloroethane	1.666	64	36424	57.447	ug/l	100
7) Trichlorofluoromethane	1.874	101	110427	54.817	ug/l	96
8) Diethyl Ether	2.136	74	41657	44.054	ug/l	83
9) 1,1,2-Trichlorotrifluo...	2.319	101	74572	53.739	ug/l #	84
10) Methyl Iodide	2.441	142	77216	44.769	ug/l #	86
11) Tert butyl alcohol	2.983	59	88210	251.156	ug/l #	93
12) 1,1-Dichloroethene	2.306	96	69198	49.991	ug/l #	80
13) Acrolein	2.239	56	47730	121.235	ug/l	97
14) Allyl chloride	2.654	41	103715	47.245	ug/l	88
15) Acrylonitrile	3.069	53	227856	248.378	ug/l	98
16) Acetone	2.386	43	184567	227.129	ug/l #	86
17) Carbon Disulfide	2.502	76	132674	47.008	ug/l	100
18) Methyl Acetate	2.703	43	111531	50.313	ug/l	95
19) Methyl tert-butyl Ether	3.117	73	237095	51.846	ug/l	100
20) Methylene Chloride	2.782	84	80682	45.344	ug/l	87
21) trans-1,2-Dichloroethene	3.081	96	70842	50.427	ug/l	85
22) Diisopropyl ether	3.764	45	228182	49.174	ug/l #	81
23) Vinyl Acetate	3.721	43	994622	250.987	ug/l #	93
24) 1,1-Dichloroethane	3.605	63	130255	50.126	ug/l	97
25) 2-Butanone	4.556	43	304943	241.211	ug/l	91
26) 2,2-Dichloropropane	4.465	77	103984	55.258	ug/l	93
27) cis-1,2-Dichloroethene	4.483	96	90984	51.710	ug/l	85
28) Bromochloromethane	4.891	49	46702	41.960	ug/l #	65
29) Tetrahydrofuran	5.007	42	195688	239.674	ug/l	91
30) Chloroform	5.086	83	140080	51.743	ug/l	96
31) Cyclohexane	5.458	56	103436	47.793	ug/l	90
32) 1,1,1-Trichloroethane	5.373	97	121166	53.562	ug/l	95
36) 1,1-Dichloropropene	5.678	75	89328	53.328	ug/l	94
37) Ethyl Acetate	4.715	43	113612	52.067	ug/l	97
38) Carbon Tetrachloride	5.666	117	106855	57.736	ug/l	96
39) Methylcyclohexane	7.373	83	117952	55.679	ug/l	91
40) Benzene	6.031	78	297492	52.659	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	62589	52.915	ug/l	91
42) 1,2-Dichloroethane	6.080	62	95461	52.459	ug/l	90
43) Isopropyl Acetate	6.336	43	173069	51.673	ug/l #	93
44) Trichloroethene	7.117	130	84968	56.110	ug/l	84
45) 1,2-Dichloropropane	7.428	63	73507	52.917	ug/l	98
46) Dibromomethane	7.574	93	54978	54.319	ug/l #	74
47) Bromodichloromethane	7.818	83	104306	56.132	ug/l	98
48) Methyl methacrylate	7.690	41	84930	53.133	ug/l #	83
49) 1,4-Dioxane	7.665	88	42048	994.286	ug/l #	87
51) 4-Methyl-2-Pentanone	8.574	43	595511	258.118	ug/l	93
52) Toluene	8.714	92	197605	54.929	ug/l	100
53) t-1,3-Dichloropropene	8.976	75	104973	53.259	ug/l	98
54) cis-1,3-Dichloropropene	8.360	75	117553	57.782	ug/l #	85
55) 1,1,2-Trichloroethane	9.147	97	82502	55.051	ug/l	98
56) Ethyl methacrylate	9.116	69	129925	55.727	ug/l #	85
57) 1,3-Dichloropropane	9.305	76	129572	53.515	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	285569	262.839	ug/l	91
59) 2-Hexanone	9.427	43	458906	259.700	ug/l	90
60) Dibromochloromethane	9.519	129	96176	59.080	ug/l	100
61) 1,2-Dibromoethane	9.610	107	87116	56.052	ug/l	99
64) Tetrachloroethene	9.269	164	83084	55.554	ug/l	90
65) Chlorobenzene	10.079	112	233754	54.718	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.159	131	85612	57.240	ug/l	98
67) Ethyl Benzene	10.189	91	375495	56.087	ug/l	99
68) m/p-Xylenes	10.299	106	303127	112.163	ug/l	91
69) o-Xylene	10.640	106	150323	56.182	ug/l	91
70) Styrene	10.653	104	259389	57.813	ug/l	94
71) Bromoform	10.799	173	81795	56.262	ug/l #	100
73) Isopropylbenzene	10.963	105	391676	52.645	ug/l	96
74) N-amyl acetate	10.842	43	155631	47.092	ug/l	92
75) 1,1,2,2-Tetrachloroethane	11.213	83	129900	46.957	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	107200m	48.260	ug/l	
77) Bromobenzene	11.195	156	113307	51.136	ug/l	76
78) n-propylbenzene	11.305	91	430859	53.373	ug/l	95
79) 2-Chlorotoluene	11.366	91	262835	50.535	ug/l	91
80) 1,3,5-Trimethylbenzene	11.451	105	326903	52.752	ug/l	94
81) trans-1,4-Dichloro-2-b...	11.018	75	39430	50.410	ug/l	86
82) 4-Chlorotoluene	11.451	91	300644	52.290	ug/l	91
83) tert-Butylbenzene	11.713	119	356936	52.493	ug/l	89
84) 1,2,4-Trimethylbenzene	11.750	105	331765	53.363	ug/l	93
85) sec-Butylbenzene	11.890	105	419884	54.594	ug/l	96
86) p-Isopropyltoluene	12.006	119	375046	55.824	ug/l	94
87) 1,3-Dichlorobenzene	11.969	146	208738	53.595	ug/l	95
88) 1,4-Dichlorobenzene	12.043	146	206720	51.730	ug/l	95
89) n-Butylbenzene	12.329	91	292735	56.604	ug/l	96
90) Hexachloroethane	12.536	117	61490	53.759	ug/l #	55
91) 1,2-Dichlorobenzene	12.335	146	206585	51.836	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	12.945	75	27823	50.751	ug/l #	43
93) 1,2,4-Trichlorobenzene	13.585	180	147889	56.646	ug/l	96
94) Hexachlorobutadiene	13.725	225	73372	55.578	ug/l	98
95) Naphthalene	13.774	128	435146	49.608	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	151247	54.929	ug/l	95

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

