

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071624\
 Data File : VX042350.D
 Acq On : 16 Jul 2024 18:17
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 07/17/2024
 Supervised By : Mahesh Dadoda 07/17/2024

Quant Time: Jul 17 05:41:37 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	5.556	168	159209	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	228673	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	221339	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	137364	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	86477	47.104	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	94.200%		
35) Dibromofluoromethane	5.391	113	86419	53.261	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	106.520%		
50) Toluene-d8	8.653	98	287161	50.378	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	100.760%		
62) 4-Bromofluorobenzene	11.079	95	122481	58.291	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	116.580%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.173	85	63328	52.211	ug/l	98
3) Chloromethane	1.307	50	62270	40.923	ug/l	100
4) Vinyl Chloride	1.374	62	65509	42.948	ug/l	99
5) Bromomethane	1.599	94	35265	46.821	ug/l	96
6) Chloroethane	1.679	64	44162	70.940	ug/l	98
7) Trichlorofluoromethane	1.886	101	110248	55.168	ug/l	99
8) Diethyl Ether	2.136	74	43056	45.899	ug/l	81
9) 1,1,2-Trichlorotrifluo...	2.325	101	66376	48.217	ug/l #	84
10) Methyl Iodide	2.453	142	81750	47.779	ug/l #	85
11) Tert butyl alcohol	2.983	59	100253	287.737	ug/l #	91
12) 1,1-Dichloroethene	2.319	96	65018	47.348	ug/l	81
13) Acrolein	2.240	56	54731	140.134	ug/l	100
14) Allyl chloride	2.666	41	100523	46.158	ug/l	87
15) Acrylonitrile	3.075	53	240377	264.130	ug/l	99
16) Acetone	2.392	43	190301	236.065	ug/l #	87
17) Carbon Disulfide	2.508	76	141885	50.675	ug/l	99
18) Methyl Acetate	2.709	43	113549	51.634	ug/l	92
19) Methyl tert-butyl Ether	3.123	73	244671	53.933	ug/l	99
20) Methylene Chloride	2.794	84	82504	46.740	ug/l #	85
21) trans-1,2-Dichloroethene	3.093	96	71886	51.581	ug/l	85
22) Diisopropyl ether	3.770	45	233203	50.660	ug/l	87
23) Vinyl Acetate	3.727	43	1035702	263.451	ug/l #	93
24) 1,1-Dichloroethane	3.611	63	133529	51.798	ug/l	97
25) 2-Butanone	4.568	43	323873	258.241	ug/l	91
26) 2,2-Dichloropropane	4.477	77	82912	44.414	ug/l	91
27) cis-1,2-Dichloroethene	4.495	96	92369	52.918	ug/l	83
28) Bromochloromethane	4.904	49	43866	39.729	ug/l #	68
29) Tetrahydrofuran	5.013	42	213364	263.421	ug/l	92
30) Chloroform	5.099	83	141906	52.838	ug/l	97
31) Cyclohexane	5.471	56	101519	47.284	ug/l	93
32) 1,1,1-Trichloroethane	5.385	97	123963	55.239	ug/l	95
36) 1,1-Dichloropropene	5.696	75	88613	51.430	ug/l	93
37) Ethyl Acetate	4.727	43	118785	52.924	ug/l	96
38) Carbon Tetrachloride	5.684	117	109383	57.458	ug/l	95
39) Methylcyclohexane	7.385	83	111977	51.388	ug/l	89
40) Benzene	6.044	78	301279	51.846	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	66067	54.302	ug/l #	90
42) 1,2-Dichloroethane	6.092	62	98837	52.803	ug/l	90
43) Isopropyl Acetate	6.349	43	181762	52.759	ug/l #	93
44) Trichloroethene	7.129	130	85972	55.193	ug/l	87
45) 1,2-Dichloropropane	7.434	63	75288	52.691	ug/l	99
46) Dibromomethane	7.586	93	56864	54.620	ug/l #	72
47) Bromodichloromethane	7.824	83	109841	57.466	ug/l	97
48) Methyl methacrylate	7.696	41	89301	54.313	ug/l #	83
49) 1,4-Dioxane	7.665	88	44796	1029.084	ug/l #	86
51) 4-Methyl-2-Pentanone	8.574	43	627512	264.421	ug/l	93
52) Toluene	8.720	92	199621	53.946	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	107083	52.837	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	117960	56.368	ug/l #	86
55) 1,1,2-Trichloroethane	9.153	97	85340	55.360	ug/l	97
56) Ethyl methacrylate	9.116	69	133763	55.777	ug/l #	86
57) 1,3-Dichloropropane	9.311	76	133426	53.573	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.245	63	288221	257.899	ug/l	90
59) 2-Hexanone	9.433	43	487783	268.362	ug/l	90
60) Dibromochloromethane	9.525	129	100998	60.316	ug/l	98
61) 1,2-Dibromoethane	9.610	107	90330	56.503	ug/l	99
64) Tetrachloroethene	9.275	164	84626	52.512	ug/l	90
65) Chlorobenzene	10.080	112	236372	51.348	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	87432	54.249	ug/l	98
67) Ethyl Benzene	10.195	91	376020	52.123	ug/l	97
68) m/p-Xylenes	10.299	106	304769	104.654	ug/l	90
69) o-Xylene	10.640	106	148403	51.472	ug/l	93
70) Styrene	10.659	104	261709	54.131	ug/l	94
71) Bromoform	10.799	173	83689	53.585	ug/l #	99
73) Isopropylbenzene	10.964	105	388291	46.489	ug/l	96
74) N-amyl acetate	10.842	43	163041	43.946	ug/l	92
75) 1,1,2,2-Tetrachloroethane	11.214	83	136011	43.795	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	105032m	42.119	ug/l	
77) Bromobenzene	11.201	156	115680	46.504	ug/l	76
78) n-propylbenzene	11.305	91	429767	47.423	ug/l	95
79) 2-Chlorotoluene	11.366	91	262869	45.021	ug/l	91
80) 1,3,5-Trimethylbenzene	11.451	105	324480	46.642	ug/l	94
81) trans-1,4-Dichloro-2-b...	11.018	75	38938	44.344	ug/l	86
82) 4-Chlorotoluene	11.457	91	301866	46.768	ug/l	91
83) tert-Butylbenzene	11.713	119	358333	46.942	ug/l	88
84) 1,2,4-Trimethylbenzene	11.750	105	328915	47.126	ug/l	92
85) sec-Butylbenzene	11.890	105	412538	47.780	ug/l	95
86) p-Isopropyltoluene	12.012	119	365620	48.476	ug/l	94
87) 1,3-Dichlorobenzene	11.969	146	208303	47.641	ug/l	94
88) 1,4-Dichlorobenzene	12.043	146	206571	46.047	ug/l	95
89) n-Butylbenzene	12.335	91	291353	50.183	ug/l	96
90) Hexachloroethane	12.536	117	62387	48.585	ug/l #	57
91) 1,2-Dichlorobenzene	12.335	146	207447	46.367	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	12.945	75	30158	49.002	ug/l #	45
93) 1,2,4-Trichlorobenzene	13.591	180	149886	51.140	ug/l	96
94) Hexachlorobutadiene	13.725	225	70646	47.668	ug/l	99
95) Naphthalene	13.774	128	461709	46.928	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	153743	49.737	ug/l	95

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

