

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070524\
 Data File : VX042199.D
 Acq On : 05 Jul 2024 09:19
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :John
 Carlone

Quant Time: Jul 05 23:16:05 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	5.550	168	174249	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.757	114	245761	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	225536	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	128517	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	88357	43.974	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	87.940%
35) Dibromofluoromethane	5.379	113	83864	48.093	ug/l	-0.01
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.180%
50) Toluene-d8	8.647	98	283462	46.271	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	92.540%
62) 4-Bromofluorobenzene	11.079	95	113650	50.327	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	100.660%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	80735	60.818	ug/l	98
3) Chloromethane	1.300	50	87644	52.627	ug/l	99
4) Vinyl Chloride	1.374	62	83950	50.288	ug/l	98
5) Bromomethane	1.593	94	46709	56.662	ug/l	97
6) Chloroethane	1.660	64	41052	59.758	ug/l	99
7) Trichlorofluoromethane	1.867	101	128343	58.679	ug/l	99
8) Diethyl Ether	2.136	74	48224	46.971	ug/l	85
9) 1,1,2-Trichlorotrifluo...	2.313	101	82123	54.506	ug/l	# 85
10) Methyl Iodide	2.441	142	95797	51.156	ug/l	# 87
11) Tert butyl alcohol	2.995	59	92277	241.985	ug/l	# 94
12) 1,1-Dichloroethene	2.306	96	79192	52.693	ug/l	84
13) Acrolein	2.239	56	96515	225.789	ug/l	96
14) Allyl chloride	2.654	41	121354	50.914	ug/l	# 88
15) Acrylonitrile	3.068	53	247439	248.422	ug/l	98
16) Acetone	2.392	43	257584	291.949	ug/l	# 88
17) Carbon Disulfide	2.501	76	169502	55.313	ug/l	100
18) Methyl Acetate	2.709	43	105774	43.947	ug/l	93
19) Methyl tert-butyl Ether	3.117	73	261397	52.646	ug/l	99
20) Methylene Chloride	2.782	84	90509	46.849	ug/l	# 88
21) trans-1,2-Dichloroethene	3.081	96	79721	52.265	ug/l	88
22) Diisopropyl ether	3.763	45	258058	51.220	ug/l	# 84
23) Vinyl Acetate	3.721	43	1148042	266.821	ug/l	# 94
24) 1,1-Dichloroethane	3.599	63	146492	51.922	ug/l	96
25) 2-Butanone	4.562	43	358613	261.260	ug/l	94
26) 2,2-Dichloropropane	4.465	77	120025	58.745	ug/l	94
27) cis-1,2-Dichloroethene	4.483	96	99568	52.119	ug/l	87
28) Bromochloromethane	4.891	49	52994	43.853	ug/l	# 70
29) Tetrahydrofuran	5.007	42	219352	247.439	ug/l	93
30) Chloroform	5.092	83	152407	51.850	ug/l	97
31) Cyclohexane	5.458	56	125383	53.358	ug/l	93
32) 1,1,1-Trichloroethane	5.373	97	132746	54.047	ug/l	95
36) 1,1-Dichloropropene	5.684	75	101370	54.743	ug/l	95
37) Ethyl Acetate	4.721	43	126712	52.530	ug/l	97
38) Carbon Tetrachloride	5.672	117	116603	56.991	ug/l	98
39) Methylcyclohexane	7.373	83	137240	58.603	ug/l	92
40) Benzene	6.031	78	333289	53.366	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	69985	53.522	ug/l	91
42) 1,2-Dichloroethane	6.080	62	105531	52.459	ug/l	90
43) Isopropyl Acetate	6.342	43	193810	52.344	ug/l #	93
44) Trichloroethene	7.123	130	92620	55.327	ug/l	84
45) 1,2-Dichloropropane	7.427	63	81924	53.349	ug/l	98
46) Dibromomethane	7.580	93	60496	54.068	ug/l #	77
47) Bromodichloromethane	7.818	83	113109	55.061	ug/l	99
48) Methyl methacrylate	7.696	41	95825	54.229	ug/l #	84
49) 1,4-Dioxane	7.665	88	41908	898.380	ug/l #	87
51) 4-Methyl-2-Pentanone	8.574	43	657146	257.655	ug/l	94
52) Toluene	8.714	92	217612	54.719	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	117456	53.878	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	132558	58.940	ug/l #	85
55) 1,1,2-Trichloroethane	9.153	97	88597	53.477	ug/l	97
56) Ethyl methacrylate	9.116	69	142827	55.415	ug/l #	87
57) 1,3-Dichloropropane	9.305	76	141574	52.893	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	314822	262.115	ug/l	92
59) 2-Hexanone	9.433	43	519516	265.948	ug/l	92
60) Dibromochloromethane	9.519	129	103110	57.296	ug/l	99
61) 1,2-Dibromoethane	9.610	107	93956	54.685	ug/l	99
64) Tetrachloroethene	9.269	164	90279	54.978	ug/l	93
65) Chlorobenzene	10.079	112	253127	53.965	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.159	131	91905	55.964	ug/l	99
67) Ethyl Benzene	10.195	91	414499	56.387	ug/l	97
68) m/p-Xylenes	10.299	106	333307	112.324	ug/l	91
69) o-Xylene	10.640	106	165970	56.494	ug/l	91
70) Styrene	10.652	104	281151	57.071	ug/l	94
71) Bromoform	10.799	173	85114	53.490	ug/l #	100
73) Isopropylbenzene	10.957	105	423767	54.229	ug/l	97
74) N-amyl acetate	10.841	43	176769	50.926	ug/l	94
75) 1,1,2,2-Tetrachloroethane	11.213	83	140488	48.351	ug/l	98
76) 1,2,3-Trichloropropane	11.238	75	115486m	49.499	ug/l	
77) Bromobenzene	11.195	156	121352	52.143	ug/l	78
78) n-propylbenzene	11.305	91	468601	55.268	ug/l	95
79) 2-Chlorotoluene	11.360	91	286625	52.469	ug/l	92
80) 1,3,5-Trimethylbenzene	11.451	105	358795	55.125	ug/l	95
81) trans-1,4-Dichloro-2-b...	11.018	75	45941	55.921	ug/l #	85
82) 4-Chlorotoluene	11.451	91	332761	55.103	ug/l	92
83) tert-Butylbenzene	11.713	119	383024	53.631	ug/l	90
84) 1,2,4-Trimethylbenzene	11.750	105	363501	55.666	ug/l	93
85) sec-Butylbenzene	11.890	105	452296	55.991	ug/l	95
86) p-Isopropyltoluene	12.006	119	401312	56.872	ug/l	94
87) 1,3-Dichlorobenzene	11.969	146	218289	53.362	ug/l	95
88) 1,4-Dichlorobenzene	12.042	146	220297	52.487	ug/l	95
89) n-Butylbenzene	12.329	91	316996	58.358	ug/l	97
90) Hexachloroethane	12.536	117	67199	55.935	ug/l #	58
91) 1,2-Dichlorobenzene	12.335	146	221572	52.933	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	12.939	75	30546	53.049	ug/l #	47
93) 1,2,4-Trichlorobenzene	13.585	180	154322	56.278	ug/l	96
94) Hexachlorobutadiene	13.725	225	77385	55.809	ug/l	99
95) Naphthalene	13.774	128	466906	50.663	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	157886	54.593	ug/l	95

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

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

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