

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX010324\
 Data File : VX039588.D
 Acq On : 03 Jan 2024 09:42
 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 01/04/2024
 Supervised By : Mahesh Dadoda 01/04/2024

Quant Time: Jan 04 03:26:01 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121323W.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 14 01:28:15 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	108606	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	194401	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	175680	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	84686	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	91346	45.912	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	91.820%		
35) Dibromofluoromethane	5.373	113	67271	50.090	ug/l	-0.01
Spiked Amount 50.000	Range 75 - 124		Recovery =	100.180%		
50) Toluene-d8	8.647	98	247504	49.640	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	99.280%		
62) 4-Bromofluorobenzene	11.079	95	96745	47.028	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	94.060%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	73322	48.045	ug/l	97
3) Chloromethane	1.294	50	83984	49.639	ug/l	99
4) Vinyl Chloride	1.374	62	82850	52.654	ug/l	100
5) Bromomethane	1.593	94	38407	42.426	ug/l	99
6) Chloroethane	1.666	64	39972	42.155	ug/l	99
7) Trichlorofluoromethane	1.874	101	119168	51.721	ug/l	97
8) Diethyl Ether	2.130	74	44272	55.518	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.319	101	74081	52.688	ug/l	96
10) Methyl Iodide	2.447	142	74910	51.545	ug/l	94
11) Tert butyl alcohol	3.001	59	112880	225.933	ug/l #	93
12) 1,1-Dichloroethene	2.313	96	69416	49.702	ug/l	94
13) Acrolein	2.233	56	134556	337.591	ug/l	99
14) Allyl chloride	2.660	41	139649	49.359	ug/l	96
15) Acrylonitrile	3.056	53	255280	255.268	ug/l	98
16) Acetone	2.380	43	335449	295.446	ug/l	93
17) Carbon Disulfide	2.502	76	174185	42.619	ug/l	100
18) Methyl Acetate	2.697	43	238997	55.537	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	257113	50.903	ug/l	97
20) Methylene Chloride	2.782	84	82076	49.486	ug/l	96
21) trans-1,2-Dichloroethene	3.087	96	72587	47.763	ug/l	96
22) Diisopropyl ether	3.757	45	275653	53.524	ug/l #	83
23) Vinyl Acetate	3.715	43	989463	258.068	ug/l	99
24) 1,1-Dichloroethane	3.599	63	148048	50.853	ug/l	100
25) 2-Butanone	4.550	43	395254	230.219	ug/l	98
26) 2,2-Dichloropropane	4.465	77	120893	47.565	ug/l	98
27) cis-1,2-Dichloroethene	4.483	96	85792	51.146	ug/l	98
28) Bromochloromethane	4.891	49	73172	51.511	ug/l	92
29) Tetrahydrofuran	4.995	42	242665	255.941	ug/l	99
30) Chloroform	5.086	83	146876	50.485	ug/l	99
31) Cyclohexane	5.458	56	127981	49.803	ug/l	96
32) 1,1,1-Trichloroethane	5.373	97	124861	49.438	ug/l	98
36) 1,1-Dichloropropene	5.684	75	106185	50.103	ug/l	100
37) Ethyl Acetate	4.702	43	138041	52.721	ug/l	99
38) Carbon Tetrachloride	5.666	117	99040	48.969	ug/l	96
39) Methylcyclohexane	7.373	83	132675	52.117	ug/l	99
40) Benzene	6.031	78	314048	52.385	ug/l	98

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41) Methacrylonitrile	4.910	41	74745	53.504	ug/l	97
42) 1,2-Dichloroethane	6.080	62	122401	50.438	ug/l	99
43) Isopropyl Acetate	6.336	43	221137	51.937	ug/l	100
44) Trichloroethene	7.117	130	75489	49.899	ug/l	98
45) 1,2-Dichloropropane	7.421	63	85006	52.833	ug/l	99
46) Dibromomethane	7.574	93	57707	51.022	ug/l	96
47) Bromodichloromethane	7.818	83	112447	51.998	ug/l	98
48) Methyl methacrylate	7.690	41	129704	52.108	ug/l	95
49) 1,4-Dioxane	7.665	88	38457	1146.166	ug/l #	98
51) 4-Methyl-2-Pentanone	8.574	43	737021	271.681	ug/l	98
52) Toluene	8.714	92	190341	52.604	ug/l	94
53) t-1,3-Dichloropropene	8.976	75	120396	50.569	ug/l	98
54) cis-1,3-Dichloropropene	8.360	75	131143	51.193	ug/l	98
55) 1,1,2-Trichloroethane	9.147	97	79504	52.631	ug/l	92
56) Ethyl methacrylate	9.116	69	102161	55.399	ug/l	98
57) 1,3-Dichloropropane	9.305	76	137204	52.538	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	369948	341.648	ug/l	94
59) 2-Hexanone	9.433	43	617837	263.890	ug/l	98
60) Dibromochloromethane	9.519	129	78374	51.301	ug/l	99
61) 1,2-Dibromoethane	9.604	107	84518	52.411	ug/l	100
64) Tetrachloroethene	9.269	164	58488	50.948	ug/l	95
65) Chlorobenzene	10.073	112	197430	51.487	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.159	131	72096	53.228	ug/l	99
67) Ethyl Benzene	10.189	91	375286	52.577	ug/l	97
68) m/p-Xylenes	10.299	106	270407	105.660	ug/l	95
69) o-Xylene	10.640	106	134004	54.156	ug/l	95
70) Styrene	10.652	104	197849	54.693	ug/l	97
71) Bromoform	10.799	173	52953	52.596	ug/l #	100
73) Isopropylbenzene	10.963	105	362735	55.516	ug/l	100
74) N-amyl acetate	10.841	43	192430	58.209	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.213	83	139699	57.474	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	118818m	54.231	ug/l	
77) Bromobenzene	11.195	156	79417	54.965	ug/l	93
78) n-propylbenzene	11.305	91	441265	54.813	ug/l	97
79) 2-Chlorotoluene	11.360	91	260386	53.473	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	312494	56.142	ug/l	96
81) trans-1,4-Dichloro-2-b...	11.018	75	40634	52.318	ug/l	95
82) 4-Chlorotoluene	11.451	91	303104	52.996	ug/l	98
83) tert-Butylbenzene	11.713	119	297713	56.201	ug/l	96
84) 1,2,4-Trimethylbenzene	11.750	105	321537	56.330	ug/l	99
85) sec-Butylbenzene	11.890	105	376869	55.909	ug/l	98
86) p-Isopropyltoluene	12.006	119	314507	55.595	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	152820	53.837	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	150276	50.845	ug/l	98
89) n-Butylbenzene	12.329	91	303665	54.605	ug/l	96
90) Hexachloroethane	12.536	117	55862	54.665	ug/l	94
91) 1,2-Dichlorobenzene	12.335	146	146551	53.959	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	33492	52.314	ug/l	97
93) 1,2,4-Trichlorobenzene	13.585	180	90345	50.800	ug/l	98
94) Hexachlorobutadiene	13.725	225	38642	57.656	ug/l	99
95) Naphthalene	13.774	128	346186	55.895	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	90409	52.660	ug/l	98

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

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