

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX012224\
 Data File : VX039869.D
 Acq On : 22 Jan 2024 09:32
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 01/23/2024
 Supervised By : Mahesh Dadoda 01/23/2024

Quant Time: Jan 23 00:10:52 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011024W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 11 03:51:26 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.543	168	92784	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	162806	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	151926	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	77617	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	76391	49.149	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 98.300%			
35) Dibromofluoromethane	5.379	113	57130	52.099	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 104.200%			
50) Toluene-d8	8.647	98	206864	50.018	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 100.040%			
62) 4-Bromofluorobenzene	11.079	95	85988	53.168	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 106.340%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	53438	44.514	ug/l	96
3) Chloromethane	1.294	50	58460	42.641	ug/l	99
4) Vinyl Chloride	1.373	62	60112	46.460	ug/l	99
5) Bromomethane	1.599	94	39003	52.832	ug/l	96
6) Chloroethane	1.684	64	36642	49.818	ug/l	92
7) Trichlorofluoromethane	1.886	101	96864	51.898	ug/l	99
8) Diethyl Ether	2.129	74	34157	49.521	ug/l	94
9) 1,1,2-Trichlorotrifluo...	2.331	101	58671	50.704	ug/l	99
10) Methyl Iodide	2.453	142	65619	53.755	ug/l	94
11) Tert butyl alcohol	2.952	59	87762	216.916	ug/l #	91
12) 1,1-Dichloroethene	2.318	96	55382	49.593	ug/l	94
13) Acrolein	2.233	56	58703	234.978	ug/l	100
14) Allyl chloride	2.660	41	104064	47.346	ug/l	98
15) Acrylonitrile	3.056	53	185743	222.250	ug/l	99
16) Acetone	2.373	43	213719	244.499	ug/l	93
17) Carbon Disulfide	2.507	76	155910	48.575	ug/l	100
18) Methyl Acetate	2.696	43	86639	47.376	ug/l	99
19) Methyl tert-butyl Ether	3.105	73	195363	49.277	ug/l	96
20) Methylene Chloride	2.788	84	63741	48.209	ug/l	97
21) trans-1,2-Dichloroethene	3.093	96	58668	49.922	ug/l	96
22) Diisopropyl ether	3.751	45	203291	48.467	ug/l	96
23) Vinyl Acetate	3.715	43	969490	248.655	ug/l	99
24) 1,1-Dichloroethane	3.605	63	114538	49.637	ug/l	98
25) 2-Butanone	4.544	43	276127	219.819	ug/l	98
26) 2,2-Dichloropropane	4.470	77	96546	52.131	ug/l	100
27) cis-1,2-Dichloroethene	4.483	96	67793	50.296	ug/l	100
28) Bromochloromethane	4.891	49	51435	49.174	ug/l	97
29) Tetrahydrofuran	4.989	42	174117	215.354	ug/l	100
30) Chloroform	5.086	83	117806	51.716	ug/l	99
31) Cyclohexane	5.458	56	98700	48.117	ug/l	94
32) 1,1,1-Trichloroethane	5.379	97	104121	53.391	ug/l	99
36) 1,1-Dichloropropene	5.684	75	86286	50.552	ug/l	99
37) Ethyl Acetate	4.702	43	101428	44.543	ug/l	98
38) Carbon Tetrachloride	5.671	117	87576	56.020	ug/l	96
39) Methylcyclohexane	7.372	83	103529	50.511	ug/l	99
40) Benzene	6.031	78	246788	51.061	ug/l	99

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 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011024W.M
 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.909	41	55041	49.430	ug/l	96
42) 1,2-Dichloroethane	6.080	62	98379	53.540	ug/l	100
43) Isopropyl Acetate	6.330	43	167852	50.250	ug/l	99
44) Trichloroethene	7.122	130	63292	53.433	ug/l	97
45) 1,2-Dichloropropane	7.421	63	66361	51.183	ug/l	99
46) Dibromomethane	7.574	93	48248	53.877	ug/l	97
47) Bromodichloromethane	7.817	83	94232	56.816	ug/l	97
48) Methyl methacrylate	7.683	41	82294	50.121	ug/l	93
49) 1,4-Dioxane	7.653	88	25107	790.268	ug/l #	97
51) 4-Methyl-2-Pentanone	8.567	43	558060	242.577	ug/l	98
52) Toluene	8.714	92	155621	53.907	ug/l	95
53) t-1,3-Dichloropropene	8.976	75	102831	58.429	ug/l	100
54) cis-1,3-Dichloropropene	8.360	75	106350	54.956	ug/l	98
55) 1,1,2-Trichloroethane	9.146	97	64635	52.588	ug/l	94
56) Ethyl methacrylate	9.110	69	105320	52.945	ug/l	94
57) 1,3-Dichloropropane	9.305	76	110404	53.005	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	227191	241.624	ug/l	96
59) 2-Hexanone	9.427	43	455001	249.897	ug/l	98
60) Dibromochloromethane	9.518	129	69378	59.855	ug/l	98
61) 1,2-Dibromoethane	9.604	107	69811	54.848	ug/l	99
64) Tetrachloroethene	9.268	164	51560	52.188	ug/l	92
65) Chlorobenzene	10.073	112	166448	52.602	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.158	131	61959	57.505	ug/l	100
67) Ethyl Benzene	10.189	91	313647	53.390	ug/l	97
68) m/p-Xylenes	10.299	106	231351	107.081	ug/l	94
69) o-Xylene	10.640	106	113904	53.236	ug/l	95
70) Styrene	10.652	104	191271	54.725	ug/l	98
71) Bromoform	10.799	173	48962	60.518	ug/l #	98
73) Isopropylbenzene	10.957	105	305930	49.507	ug/l	100
74) N-amyl acetate	10.841	43	158370	49.166	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.213	83	109285	46.313	ug/l	97
76) 1,2,3-Trichloropropane	11.238	75	95443m	47.430	ug/l	
77) Bromobenzene	11.195	156	68039	49.450	ug/l	95
78) n-propylbenzene	11.299	91	385122	51.491	ug/l	97
79) 2-Chlorotoluene	11.359	91	224773	48.624	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	264781	50.450	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.018	75	32742	48.720	ug/l	99
82) 4-Chlorotoluene	11.451	91	266055	50.741	ug/l	98
83) tert-Butylbenzene	11.713	119	254725	50.836	ug/l	96
84) 1,2,4-Trimethylbenzene	11.750	105	267982	51.179	ug/l	100
85) sec-Butylbenzene	11.890	105	342905	52.719	ug/l	99
86) p-Isopropyltoluene	12.006	119	279003	53.669	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	135030	51.197	ug/l	99
88) 1,4-Dichlorobenzene	12.036	146	137452	50.459	ug/l	99
89) n-Butylbenzene	12.329	91	278698	55.507	ug/l	96
90) Hexachloroethane	12.536	117	49486	56.426	ug/l	96
91) 1,2-Dichlorobenzene	12.335	146	130307	49.975	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.938	75	27783	48.048	ug/l	97
93) 1,2,4-Trichlorobenzene	13.585	180	84438	52.991	ug/l	97
94) Hexachlorobutadiene	13.725	225	38522	58.156	ug/l	97
95) Naphthalene	13.774	128	287483	49.008	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	80932	50.325	ug/l	99

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

