

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX011024\
 Data File : VX039697.D
 Acq On : 10 Jan 2024 11:58
 Operator : JC/MD
 Sample : VSTDICCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 01/11/2024
 Supervised By : Mahesh Dadoda 01/11/2024

Quant Time: Jan 11 03:32:33 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011024W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 11 03:21:23 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	108975	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	193868	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	177040	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	84509	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	86375	47.316	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	94.640%		
35) Dibromofluoromethane	5.385	113	63224	48.418	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	96.840%		
50) Toluene-d8	8.647	98	237586	48.242	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	96.480%		
62) 4-Bromofluorobenzene	11.079	95	94020	48.820	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	97.640%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	72044	51.097	ug/l	96
3) Chloromethane	1.294	50	78373	48.672	ug/l	98
4) Vinyl Chloride	1.374	62	74371	48.940	ug/l	99
5) Bromomethane	1.599	94	42303	48.788	ug/l	99
6) Chloroethane	1.678	64	44632	51.768	ug/l	96
7) Trichlorofluoromethane	1.886	101	105924	48.320	ug/l	96
8) Diethyl Ether	2.130	74	38995	48.135	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.331	101	66305	48.788	ug/l	96
10) Methyl Iodide	2.453	142	75361	52.563	ug/l	93
11) Tert butyl alcohol	2.959	59	117173	246.580	ug/l #	92
12) 1,1-Dichloroethene	2.319	96	64749	49.367	ug/l	92
13) Acrolein	2.233	56	73119	250.181	ug/l	99
14) Allyl chloride	2.666	41	127996	49.583	ug/l	97
15) Acrylonitrile	3.062	53	245309	249.913	ug/l	99
16) Acetone	2.380	43	257426	250.745	ug/l	93
17) Carbon Disulfide	2.514	76	182441	48.395	ug/l	99
18) Methyl Acetate	2.703	43	106229	49.458	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	226953	48.740	ug/l	98
20) Methylene Chloride	2.788	84	74061	47.692	ug/l	98
21) trans-1,2-Dichloroethene	3.093	96	67118	48.627	ug/l	96
22) Diisopropyl ether	3.757	45	239258	48.567	ug/l	99
23) Vinyl Acetate	3.721	43	1162812	253.928	ug/l	99
24) 1,1-Dichloroethane	3.611	63	134368	49.579	ug/l	99
25) 2-Butanone	4.550	43	369198	250.244	ug/l	99
26) 2,2-Dichloropropane	4.471	77	107173	49.271	ug/l	98
27) cis-1,2-Dichloroethene	4.483	96	79046	49.932	ug/l	98
28) Bromochloromethane	4.897	49	61097	49.733	ug/l	96
29) Tetrahydrofuran	5.001	42	236638	249.196	ug/l	100
30) Chloroform	5.093	83	130601	48.815	ug/l	98
31) Cyclohexane	5.470	56	118455	49.168	ug/l	95
32) 1,1,1-Trichloroethane	5.379	97	114527	50.001	ug/l	99
36) 1,1-Dichloropropene	5.690	75	97754	48.095	ug/l	99
37) Ethyl Acetate	4.708	43	130160	48.003	ug/l	100
38) Carbon Tetrachloride	5.678	117	94261	50.635	ug/l	94
39) Methylcyclohexane	7.379	83	120902	49.536	ug/l	98
40) Benzene	6.037	78	284423	49.419	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	70536	53.196	ug/l	97
42) 1,2-Dichloroethane	6.080	62	109450	50.021	ug/l	100
43) Isopropyl Acetate	6.336	43	204565	51.428	ug/l	98
44) Trichloroethene	7.123	130	70494	49.978	ug/l	97
45) 1,2-Dichloropropane	7.427	63	75499	48.901	ug/l	98
46) Dibromomethane	7.580	93	53405	50.081	ug/l	97
47) Bromodichloromethane	7.818	83	100278	50.774	ug/l	97
48) Methyl methacrylate	7.690	41	99244	50.760	ug/l	95
49) 1,4-Dioxane	7.659	88	38868	1027.391	ug/l #	98
51) 4-Methyl-2-Pentanone	8.574	43	695145	253.751	ug/l	98
52) Toluene	8.714	92	174481	50.756	ug/l	94
53) t-1,3-Dichloropropene	8.976	75	109911	52.446	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	119874	52.020	ug/l	97
55) 1,1,2-Trichloroethane	9.153	97	72663	49.647	ug/l	95
56) Ethyl methacrylate	9.116	69	122084	51.539	ug/l	97
57) 1,3-Dichloropropane	9.305	76	123470	49.781	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	289883	258.902	ug/l	94
59) 2-Hexanone	9.427	43	565515	260.830	ug/l	99
60) Dibromochloromethane	9.519	129	71378	51.714	ug/l	99
61) 1,2-Dibromoethane	9.610	107	77228	50.954	ug/l	100
64) Tetrachloroethene	9.275	164	54269	47.138	ug/l	96
65) Chlorobenzene	10.079	112	181379	49.190	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.159	131	65297	52.006	ug/l	98
67) Ethyl Benzene	10.195	91	345108	50.412	ug/l	99
68) m/p-Xylenes	10.299	106	252749	100.391	ug/l	95
69) o-Xylene	10.640	106	123630	49.585	ug/l	93
70) Styrene	10.652	104	205394	50.430	ug/l	98
71) Bromoform	10.799	173	50505	53.570	ug/l #	100
73) Isopropylbenzene	10.963	105	331618	49.287	ug/l	100
74) N-amyl acetate	10.841	43	182996	52.178	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.213	83	126112	49.085	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	106797m	48.744	ug/l	
77) Bromobenzene	11.195	156	72184	48.184	ug/l	93
78) n-propylbenzene	11.305	91	408769	50.196	ug/l	98
79) 2-Chlorotoluene	11.366	91	239954	47.675	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	283215	49.561	ug/l	96
81) trans-1,4-Dichloro-2-b...	11.018	75	37369	50.834	ug/l	96
82) 4-Chlorotoluene	11.451	91	277329	48.577	ug/l	99
83) tert-Butylbenzene	11.713	119	270202	49.527	ug/l	96
84) 1,2,4-Trimethylbenzene	11.750	105	285025	49.995	ug/l	100
85) sec-Butylbenzene	11.890	105	354146	50.006	ug/l	98
86) p-Isopropyltoluene	12.006	119	288357	50.945	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	139080	48.432	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	141863	47.831	ug/l	98
89) n-Butylbenzene	12.329	91	280280	51.269	ug/l	96
90) Hexachloroethane	12.536	117	49810	52.164	ug/l	95
91) 1,2-Dichlorobenzene	12.335	146	135346	47.674	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	32234	51.200	ug/l	98
93) 1,2,4-Trichlorobenzene	13.585	180	84342	48.614	ug/l	99
94) Hexachlorobutadiene	13.725	225	35972	49.877	ug/l	98
95) Naphthalene	13.774	128	315619	49.416	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	84740	48.395	ug/l	99

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

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