

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050824\
 Data File : VX041413.D
 Acq On : 08 May 2024 10:53
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: May 09 05:29:02 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X043024W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 08 06:03:16 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 05/09/2024
 Supervised By : Mahesh Dadoda 05/09/2024

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	181877	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.757	114	252003	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	231697	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	131065	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	98898	49.949	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	99.900%
35) Dibromofluoromethane	5.379	113	80787	47.306	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.620%
50) Toluene-d8	8.647	98	279406	51.692	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	103.380%
62) 4-Bromofluorobenzene	11.079	95	104647	50.013	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	100.020%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	77906	52.129	ug/l	96
3) Chloromethane	1.301	50	70101	45.330	ug/l	98
4) Vinyl Chloride	1.374	62	75891	51.479	ug/l	100
5) Bromomethane	1.599	94	47997	51.934	ug/l	99
6) Chloroethane	1.666	64	37154	54.280	ug/l	98
7) Trichlorofluoromethane	1.861	101	123523	48.591	ug/l	99
8) Diethyl Ether	2.136	74	47202	52.681	ug/l	89
9) 1,1,2-Trichlorotrifluo...	2.313	101	70614	49.423	ug/l	88
10) Methyl Iodide	2.441	142	69154	44.972	ug/l	90
11) Tert butyl alcohol	3.008	59	91296	230.372	ug/l	# 91
12) 1,1-Dichloroethene	2.307	96	64567	45.812	ug/l	88
13) Acrolein	2.239	56	83928	266.953	ug/l	97
14) Allyl chloride	2.654	41	112553	47.533	ug/l	96
15) Acrylonitrile	3.069	53	226835	250.792	ug/l	98
16) Acetone	2.392	43	213182	244.412	ug/l	96
17) Carbon Disulfide	2.502	76	136722	41.267	ug/l	99
18) Methyl Acetate	2.703	43	101574	50.142	ug/l	96
19) Methyl tert-butyl Ether	3.117	73	240992	46.905	ug/l	99
20) Methylene Chloride	2.782	84	73664	42.855	ug/l	96
21) trans-1,2-Dichloroethene	3.081	96	66838	42.435	ug/l	88
22) Diisopropyl ether	3.764	45	234248	46.678	ug/l	89
23) Vinyl Acetate	3.721	43	1121355	249.797	ug/l	96
24) 1,1-Dichloroethane	3.605	63	126496	44.618	ug/l	97
25) 2-Butanone	4.562	43	378320	295.217	ug/l	95
26) 2,2-Dichloropropane	4.471	77	120743	50.937	ug/l	97
27) cis-1,2-Dichloroethene	4.483	96	94661	50.759	ug/l	92
28) Bromochloromethane	4.898	49	42988	42.486	ug/l	# 77
29) Tetrahydrofuran	5.007	42	244199	291.374	ug/l	96
30) Chloroform	5.087	83	161524	54.762	ug/l	96
31) Cyclohexane	5.458	56	122769	51.375	ug/l	95
32) 1,1,1-Trichloroethane	5.379	97	141918	52.885	ug/l	97
36) 1,1-Dichloropropene	5.684	75	101936	49.918	ug/l	95
37) Ethyl Acetate	4.715	43	146895	57.652	ug/l	99
38) Carbon Tetrachloride	5.666	117	124145	53.068	ug/l	99
39) Methylcyclohexane	7.373	83	134911	56.236	ug/l	92
40) Benzene	6.031	78	326327	51.838	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	78353	59.748	ug/l	97
42) 1,2-Dichloroethane	6.080	62	127599	55.307	ug/l	95
43) Isopropyl Acetate	6.342	43	221696	57.870	ug/l	98
44) Trichloroethene	7.123	130	91957	55.319	ug/l	88
45) 1,2-Dichloropropane	7.428	63	82451	58.621	ug/l	99
46) Dibromomethane	7.580	93	63872	57.045	ug/l #	78
47) Bromodichloromethane	7.818	83	122653	61.472	ug/l	98
48) Methyl methacrylate	7.690	41	110497	62.920	ug/l	95
49) 1,4-Dioxane	7.665	88	40400	1064.032	ug/l #	92
51) 4-Methyl-2-Pentanone	8.574	43	754045	328.019	ug/l	98
52) Toluene	8.714	92	215845	56.051	ug/l	100
53) t-1,3-Dichloropropene	8.976	75	126034	54.126	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	133882	61.035	ug/l	94
55) 1,1,2-Trichloroethane	9.147	97	90043	60.716	ug/l	98
56) Ethyl methacrylate	9.116	69	149831	65.281	ug/l	98
57) 1,3-Dichloropropane	9.305	76	146188	59.065	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	332251	298.553	ug/l	93
59) 2-Hexanone	9.433	43	596035	324.252	ug/l	97
60) Dibromochloromethane	9.519	129	106614	61.067	ug/l	99
61) 1,2-Dibromoethane	9.610	107	95463	58.511	ug/l	99
64) Tetrachloroethene	9.269	164	88386	52.680	ug/l	90
65) Chlorobenzene	10.080	112	253215	53.835	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.159	131	92918	55.909	ug/l	99
67) Ethyl Benzene	10.189	91	411796	53.065	ug/l	98
68) m/p-Xylenes	10.299	106	329592	106.060	ug/l	93
69) o-Xylene	10.640	106	164615	55.324	ug/l	93
70) Styrene	10.653	104	279872	57.321	ug/l	95
71) Bromoform	10.799	173	88919	59.784	ug/l #	100
73) Isopropylbenzene	10.964	105	424977	53.119	ug/l	97
74) N-amyl acetate	10.842	43	202254	57.864	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.213	83	151093	57.634	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	126604m	59.273	ug/l	
77) Bromobenzene	11.195	156	124339	55.065	ug/l	79
78) n-propylbenzene	11.305	91	466214	55.483	ug/l	96
79) 2-Chlorotoluene	11.360	91	286857	52.975	ug/l	92
80) 1,3,5-Trimethylbenzene	11.451	105	356449	54.654	ug/l	96
81) trans-1,4-Dichloro-2-b...	11.018	75	46657	59.500	ug/l	97
82) 4-Chlorotoluene	11.451	91	333149	54.194	ug/l	92
83) tert-Butylbenzene	11.713	119	380254	54.446	ug/l	92
84) 1,2,4-Trimethylbenzene	11.750	105	364203	55.499	ug/l	93
85) sec-Butylbenzene	11.890	105	450121	56.239	ug/l	96
86) p-Isopropyltoluene	12.006	119	397993	55.367	ug/l	95
87) 1,3-Dichlorobenzene	11.969	146	217064	52.887	ug/l	95
88) 1,4-Dichlorobenzene	12.043	146	223143	52.770	ug/l	95
89) n-Butylbenzene	12.329	91	323480	55.964	ug/l	97
90) Hexachloroethane	12.536	117	68751	57.191	ug/l	65
91) 1,2-Dichlorobenzene	12.335	146	227402	52.456	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	12.945	75	35615	58.791	ug/l	60
93) 1,2,4-Trichlorobenzene	13.585	180	154736	51.064	ug/l	96
94) Hexachlorobutadiene	13.725	225	73187	48.365	ug/l	99
95) Naphthalene	13.774	128	477048	53.124	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	144330	46.604	ug/l	96

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

