

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042224\
 Data File : VX041185.D
 Acq On : 22 Apr 2024 12:06
 Operator : JC/MD
 Sample : VSTDICCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 04/23/2024
 Supervised By : Mahesh Dadoda 04/23/2024

Quant Time: Apr 23 05:14:46 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X042224W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 23 05:06:51 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	249383	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.757	114	343572	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	307032	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	168306	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	110559	46.572	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	93.140%		
35) Dibromofluoromethane	5.385	113	98239	47.006	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	94.020%		
50) Toluene-d8	8.647	98	344615	48.874	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	97.740%		
62) 4-Bromofluorobenzene	11.079	95	129476	49.749	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	99.500%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	102583	52.007	ug/l	100
3) Chloromethane	1.301	50	103878	48.642	ug/l	99
4) Vinyl Chloride	1.374	62	109395	51.226	ug/l	99
5) Bromomethane	1.599	94	61055	50.776	ug/l	98
6) Chloroethane	1.666	64	35648	43.939	ug/l	94
7) Trichlorofluoromethane	1.861	101	166540	50.329	ug/l	98
8) Diethyl Ether	2.136	74	60115	49.366	ug/l	86
9) 1,1,2-Trichlorotrifluo...	2.313	101	92463	47.492	ug/l #	86
10) Methyl Iodide	2.441	142	116745	49.726	ug/l	91
11) Tert butyl alcohol	3.062	59	116431	274.108	ug/l #	95
12) 1,1-Dichloroethene	2.307	96	87370	48.073	ug/l	87
13) Acrolein	2.239	56	116535	244.263	ug/l	98
14) Allyl chloride	2.660	41	147611	49.996	ug/l #	95
15) Acrylonitrile	3.075	53	287682	264.717	ug/l	99
16) Acetone	2.398	43	203437	235.431	ug/l	98
17) Carbon Disulfide	2.502	76	170744	44.973	ug/l	98
18) Methyl Acetate	2.709	43	115969	45.369	ug/l	96
19) Methyl tert-butyl Ether	3.117	73	339901	52.316	ug/l	99
20) Methylene Chloride	2.788	84	97104	46.012	ug/l	92
21) trans-1,2-Dichloroethene	3.087	96	104710	52.135	ug/l	86
22) Diisopropyl ether	3.764	45	330530	51.779	ug/l	93
23) Vinyl Acetate	3.721	43	1489598	272.769	ug/l	95
24) 1,1-Dichloroethane	3.605	63	188669	52.873	ug/l	98
25) 2-Butanone	4.568	43	383303	259.740	ug/l	95
26) 2,2-Dichloropropane	4.471	77	159072	52.746	ug/l	94
27) cis-1,2-Dichloroethene	4.483	96	127959	51.401	ug/l	88
28) Bromochloromethane	4.904	49	61987	45.776	ug/l #	72
29) Tetrahydrofuran	5.013	42	259726	258.345	ug/l	94
30) Chloroform	5.093	83	198086	51.719	ug/l	95
31) Cyclohexane	5.464	56	163646	51.219	ug/l	92
32) 1,1,1-Trichloroethane	5.379	97	180187	52.480	ug/l	97
36) 1,1-Dichloropropene	5.690	75	134174	50.176	ug/l	95
37) Ethyl Acetate	4.721	43	157352	53.633	ug/l	97
38) Carbon Tetrachloride	5.672	117	155629	52.107	ug/l	99
39) Methylcyclohexane	7.373	83	184312	51.965	ug/l	92
40) Benzene	6.031	78	424563	51.409	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	83277	54.523	ug/l	92
42) 1,2-Dichloroethane	6.086	62	146832	51.277	ug/l	93
43) Isopropyl Acetate	6.348	43	245254	51.894	ug/l	96
44) Trichloroethene	7.123	130	123410	51.398	ug/l	85
45) 1,2-Dichloropropane	7.428	63	101537	51.278	ug/l	100
46) Dibromomethane	7.580	93	76603	51.881	ug/l #	74
47) Bromodichloromethane	7.824	83	146995	54.010	ug/l	98
48) Methyl methacrylate	7.696	41	120750	54.017	ug/l	90
49) 1,4-Dioxane	7.678	88	54350	1129.611	ug/l #	91
51) 4-Methyl-2-Pentanone	8.580	43	785061	265.384	ug/l	95
52) Toluene	8.720	92	278981	53.611	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	148810	55.742	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	166076	54.723	ug/l #	89
55) 1,1,2-Trichloroethane	9.153	97	109358	53.857	ug/l	98
56) Ethyl methacrylate	9.122	69	174333	56.160	ug/l	92
57) 1,3-Dichloropropane	9.311	76	177057	52.675	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	393392	260.382	ug/l	91
59) 2-Hexanone	9.433	43	607863	267.962	ug/l	95
60) Dibromochloromethane	9.525	129	128662	54.890	ug/l	99
61) 1,2-Dibromoethane	9.610	107	116296	53.382	ug/l	100
64) Tetrachloroethene	9.269	164	120789	51.296	ug/l	91
65) Chlorobenzene	10.080	112	323878	51.256	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.165	131	114689	52.990	ug/l	98
67) Ethyl Benzene	10.195	91	529585	52.518	ug/l	96
68) m/p-Xylenes	10.299	106	425125	104.434	ug/l	91
69) o-Xylene	10.640	106	208362	52.627	ug/l	92
70) Styrene	10.653	104	350095	54.353	ug/l	95
71) Bromoform	10.799	173	105435	56.979	ug/l #	100
73) Isopropylbenzene	10.964	105	541807	51.739	ug/l	96
74) N-amyl acetate	10.842	43	220003	53.455	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.213	83	168254	50.948	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	133724m	49.314	ug/l	
77) Bromobenzene	11.201	156	153062	50.227	ug/l	77
78) n-propylbenzene	11.305	91	593918	52.525	ug/l	95
79) 2-Chlorotoluene	11.366	91	363902	50.856	ug/l	92
80) 1,3,5-Trimethylbenzene	11.451	105	448776	51.512	ug/l	94
81) trans-1,4-Dichloro-2-b...	11.018	75	51834	53.929	ug/l	91
82) 4-Chlorotoluene	11.451	91	409578	50.510	ug/l	91
83) tert-Butylbenzene	11.713	119	491154	52.645	ug/l	90
84) 1,2,4-Trimethylbenzene	11.750	105	455937	52.728	ug/l	93
85) sec-Butylbenzene	11.890	105	573796	53.260	ug/l	95
86) p-Isopropyltoluene	12.006	119	508768	53.588	ug/l	93
87) 1,3-Dichlorobenzene	11.969	146	278811	50.933	ug/l	94
88) 1,4-Dichlorobenzene	12.043	146	280879	50.009	ug/l	95
89) n-Butylbenzene	12.329	91	397613	55.159	ug/l	97
90) Hexachloroethane	12.536	117	83020	53.011	ug/l #	56
91) 1,2-Dichlorobenzene	12.335	146	283162	51.645	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	12.939	75	36789	53.091	ug/l #	52
93) 1,2,4-Trichlorobenzene	13.585	180	201025	52.880	ug/l	96
94) Hexachlorobutadiene	13.725	225	102309	52.676	ug/l	98
95) Naphthalene	13.774	128	590103	54.026	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	207904	51.921	ug/l	95

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

