

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060721\
 Data File : VX022528.D
 Acq On : 07 Jun 2021 12:06
 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

MMDadoda
 6/8/2021 6:58:07 PM

Quant Time: Jun 07 12:36:22 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X060721W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 07 12:33:21 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.562	168	74851	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	149959	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	134822	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	60113	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	61442	51.697	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 103.400%			
35) Dibromofluoromethane	5.391	113	45515	47.617	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 95.240%			
50) Toluene-d8	8.653	98	179842	48.570	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 97.140%			
62) 4-Bromofluorobenzene	11.085	95	64222	47.282	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 94.560%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	48479	53.089	ug/l	97
3) Chloromethane	1.294	50	52465	53.133	ug/l	99
4) Vinyl Chloride	1.374	62	52426	50.736	ug/l	99
5) Bromomethane	1.599	94	27110	45.297	ug/l	100
6) Chloroethane	1.679	64	32558	52.710	ug/l	98
7) Trichlorofluoromethane	1.886	101	77254	51.689	ug/l	96
8) Diethyl Ether	2.142	74	30316	47.574	ug/l	84
9) 1,1,2-Trichlorotrifluo...	2.325	101	46674	52.271	ug/l	91
10) Methyl Iodide	2.453	142	54955	56.556	ug/l	94
11) Tert butyl alcohol	2.983	59	72610	268.557	ug/l	99
12) 1,1-Dichloroethene	2.319	96	46793	53.922	ug/l	92
13) Acrolein	2.239	56	33140	196.102	ug/l	97
14) Allyl chloride	2.666	41	89311	55.661	ug/l	96
15) Acrylonitrile	3.075	53	155517	290.981	ug/l	100
16) Acetone	2.392	43	142753	276.146	ug/l	97
17) Carbon Disulfide	2.514	76	107754	48.039	ug/l	98
18) Methyl Acetate	2.709	43	82032	58.961	ug/l	91
19) Methyl tert-butyl Ether	3.123	73	160349	53.994	ug/l	99
20) Methylene Chloride	2.794	84	57093	50.426	ug/l	94
21) trans-1,2-Dichloroethene	3.093	96	52428	55.464	ug/l	95
22) Diisopropyl ether	3.770	45	173093	55.874	ug/l	93
23) Vinyl Acetate	3.727	43	845186	283.224	ug/l	95
24) 1,1-Dichloroethane	3.611	63	99861	55.146	ug/l	97
25) 2-Butanone	4.568	43	244451	291.883	ug/l	92
26) 2,2-Dichloropropane	4.489	77	79888	50.531	ug/l	99
27) cis-1,2-Dichloroethene	4.495	96	61912	54.126	ug/l	97
28) Bromochloromethane	4.904	49	47045	53.468	ug/l #	80
29) Tetrahydrofuran	5.013	42	145731	291.249	ug/l	88
30) Chloroform	5.105	83	99894	53.666	ug/l	99
31) Cyclohexane	5.477	56	82269	55.235	ug/l	96
32) 1,1,1-Trichloroethane	5.391	97	83269	52.633	ug/l	98
36) 1,1-Dichloropropene	5.702	75	75175	53.711	ug/l	97
37) Ethyl Acetate	4.727	43	93472	53.962	ug/l	95
38) Carbon Tetrachloride	5.678	117	66859	50.016	ug/l	95
39) Methylcyclohexane	7.385	83	81250	51.375	ug/l	95
40) Benzene	6.050	78	228148	53.039	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	50022	54.162	ug/l	94
42) 1,2-Dichloroethane	6.098	62	83206	54.812	ug/l	97
43) Isopropyl Acetate	6.348	43	153596	54.383	ug/l	94
44) Trichloroethene	7.129	130	53653	50.707	ug/l	95
45) 1,2-Dichloropropane	7.440	63	59323	54.290	ug/l	95
46) Dibromomethane	7.586	93	38883	52.708	ug/l #	85
47) Bromodichloromethane	7.830	83	73700	50.431	ug/l	99
48) Methyl methacrylate	7.696	41	71359	54.888	ug/l	89
49) 1,4-Dioxane	7.665	88	28624	1128.188	ug/l #	95
51) 4-Methyl-2-Pentanone	8.580	43	488096	287.144	ug/l	90
52) Toluene	8.720	92	140107	51.778	ug/l	100
53) t-1,3-Dichloropropene	8.982	75	84889	50.152	ug/l	98
54) cis-1,3-Dichloropropene	8.372	75	92988	50.898	ug/l	93
55) 1,1,2-Trichloroethane	9.159	97	57098	51.978	ug/l	99
56) Ethyl methacrylate	9.122	69	94627	53.348	ug/l #	85
57) 1,3-Dichloropropane	9.311	76	101262	53.611	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.251	63	255762	263.994	ug/l	95
59) 2-Hexanone	9.433	43	372690	290.938	ug/l	89
60) Dibromochloromethane	9.525	129	49833	47.810	ug/l	97
61) 1,2-Dibromoethane	9.616	107	58696	53.607	ug/l	100
64) Tetrachloroethene	9.281	164	46998	52.732	ug/l	91
65) Chlorobenzene	10.086	112	143423	51.089	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	48806	50.514	ug/l	96
67) Ethyl Benzene	10.195	91	269054	51.885	ug/l	98
68) m/p-Xylenes	10.305	106	196796	100.787	ug/l	96
69) o-Xylene	10.646	106	96414	50.795	ug/l	98
70) Styrene	10.659	104	163323	52.500	ug/l	98
71) Bromoform	10.805	173	29393	45.265	ug/l #	98
73) Isopropylbenzene	10.963	105	255818	50.181	ug/l	98
74) N-amyl acetate	10.848	43	136760	55.548	ug/l	90
75) 1,1,2,2-Tetrachloroethane	11.213	83	89895	52.707	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	81934m	54.633	ug/l	
77) Bromobenzene	11.201	156	53142	49.489	ug/l	84
78) n-propylbenzene	11.305	91	304921	51.049	ug/l	97
79) 2-Chlorotoluene	11.366	91	177293	49.046	ug/l	98
80) 1,3,5-Trimethylbenzene	11.457	105	214055	50.770	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.024	75	28329	46.477	ug/l	90
82) 4-Chlorotoluene	11.457	91	209013	49.962	ug/l	94
83) tert-Butylbenzene	11.719	119	197498	49.108	ug/l	92
84) 1,2,4-Trimethylbenzene	11.756	105	217922	51.286	ug/l	98
85) sec-Butylbenzene	11.896	105	260140	50.714	ug/l	97
86) p-Isopropyltoluene	12.012	119	215190	49.751	ug/l	97
87) 1,3-Dichlorobenzene	11.975	146	102421	49.405	ug/l	97
88) 1,4-Dichlorobenzene	12.043	146	103379	48.174	ug/l	97
89) n-Butylbenzene	12.335	91	209137	52.036	ug/l	97
90) Hexachloroethane	12.542	117	31437	45.191	ug/l	72
91) 1,2-Dichlorobenzene	12.335	146	99136	49.784	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	12.945	75	18553	51.305	ug/l	76
93) 1,2,4-Trichlorobenzene	13.591	180	57959	48.385	ug/l	97
94) Hexachlorobutadiene	13.731	225	21111	45.707	ug/l	96
95) Naphthalene	13.780	128	247581	52.455	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	60101	49.597	ug/l	97

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

