

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060621\
 Data File : VX022500.D
 Acq On : 07 Jun 2021 00:01
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 6/7/2021 4:56:38 PM

Quant Time: Jun 07 04:30:03 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051921W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 19 14:23:10 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.562	168	67618	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.769	114	144506	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	132406	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	58503	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	59056	56.618	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 113.240%			
35) Dibromofluoromethane	5.391	113	42685	46.580	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 93.160%			
50) Toluene-d8	8.653	98	166523	47.173	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 94.340%			
62) 4-Bromofluorobenzene	11.085	95	64372	49.336	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 98.680%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	41477	50.456	ug/l	98
3) Chloromethane	1.294	50	48863	55.106	ug/l	100
4) Vinyl Chloride	1.374	62	47451	50.572	ug/l	99
5) Bromomethane	1.599	94	26837	49.061	ug/l	97
6) Chloroethane	1.678	64	30454	54.511	ug/l	97
7) Trichlorofluoromethane	1.880	101	69044	51.179	ug/l	95
8) Diethyl Ether	2.136	74	28931	49.865	ug/l	89
9) 1,1,2-Trichlorotrifluo...	2.325	101	40358	50.379	ug/l	90
10) Methyl Iodide	2.453	142	47678	55.381	ug/l	95
11) Tert butyl alcohol	2.983	59	73309	307.288	ug/l	99
12) 1,1-Dichloroethene	2.319	96	41674	53.775	ug/l	90
13) Acrolein	2.245	56	33236	210.054	ug/l	100
14) Allyl chloride	2.666	41	73705	51.782	ug/l	96
15) Acrylonitrile	3.075	53	148284	315.719	ug/l	99
16) Acetone	2.392	43	142136	312.954	ug/l	96
17) Carbon Disulfide	2.514	76	98763	48.658	ug/l	96
18) Methyl Acetate	2.715	43	76907	63.671	ug/l	92
19) Methyl tert-butyl Ether	3.123	73	150419	56.660	ug/l	99
20) Methylene Chloride	2.794	84	53896	53.446	ug/l	92
21) trans-1,2-Dichloroethene	3.093	96	47183	55.974	ug/l	93
22) Diisopropyl ether	3.776	45	162821	59.391	ug/l	90
23) Vinyl Acetate	3.733	43	782711	296.526	ug/l	94
24) 1,1-Dichloroethane	3.617	63	93343	58.020	ug/l	98
25) 2-Butanone	4.568	43	232599	316.562	ug/l	95
26) 2,2-Dichloropropane	4.483	77	22747	15.928	ug/l	87
27) cis-1,2-Dichloroethene	4.495	96	57386	55.979	ug/l	95
28) Bromochloromethane	4.910	49	42713	54.726	ug/l	# 79
29) Tetrahydrofuran	5.019	42	137116	313.533	ug/l	89
30) Chloroform	5.099	83	93007	55.951	ug/l	97
31) Cyclohexane	5.477	56	74365	56.735	ug/l	96
32) 1,1,1-Trichloroethane	5.391	97	77302	54.421	ug/l	96
36) 1,1-Dichloropropene	5.702	75	68577	51.321	ug/l	97
37) Ethyl Acetate	4.727	43	89130	54.413	ug/l	# 94
38) Carbon Tetrachloride	5.684	117	61375	46.954	ug/l	98
39) Methylcyclohexane	7.385	83	70685	46.642	ug/l	98
40) Benzene	6.044	78	214229	52.106	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.934	41	46992	53.625	ug/l	93
42) 1,2-Dichloroethane	6.098	62	76656	53.219	ug/l	98
43) Isopropyl Acetate	6.354	43	147130	54.914	ug/l #	93
44) Trichloroethene	7.129	130	49486	48.437	ug/l	92
45) 1,2-Dichloropropane	7.434	63	57169	54.509	ug/l	97
46) Dibromomethane	7.586	93	36582	51.413	ug/l #	85
47) Bromodichloromethane	7.830	83	69689	48.945	ug/l	99
48) Methyl methacrylate	7.696	41	69715	56.461	ug/l	89
49) 1,4-Dioxane	7.665	88	28104	1169.027	ug/l #	95
51) 4-Methyl-2-Pentanone	8.580	43	469095	292.287	ug/l	90
52) Toluene	8.720	92	132736	50.980	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	67590	41.124	ug/l	98
54) cis-1,3-Dichloropropene	8.372	75	74598	42.218	ug/l	93
55) 1,1,2-Trichloroethane	9.159	97	54965	52.001	ug/l	98
56) Ethyl methacrylate	9.122	69	92353	54.062	ug/l #	87
57) 1,3-Dichloropropane	9.311	76	96038	53.218	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.250	63	220912	239.103	ug/l	95
59) 2-Hexanone	9.433	43	356615	295.440	ug/l	90
60) Dibromochloromethane	9.525	129	46975	45.682	ug/l	96
61) 1,2-Dibromoethane	9.616	107	55890	53.107	ug/l	97
64) Tetrachloroethene	9.275	164	39840	45.830	ug/l #	89
65) Chlorobenzene	10.086	112	136746	49.612	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	46739	48.801	ug/l	98
67) Ethyl Benzene	10.195	91	254912	50.274	ug/l	100
68) m/p-Xylenes	10.305	106	189803	99.047	ug/l	99
69) o-Xylene	10.646	106	93431	50.131	ug/l	99
70) Styrene	10.659	104	156796	51.355	ug/l	97
71) Bromoform	10.805	173	29009	39.819	ug/l #	99
73) Isopropylbenzene	10.963	105	239190	48.306	ug/l	99
74) N-amyl acetate	10.848	43	134229	57.112	ug/l	90
75) 1,1,2,2-Tetrachloroethane	11.213	83	89656	54.629	ug/l	98
76) 1,2,3-Trichloropropane	11.244	75	76278m	52.850	ug/l	
77) Bromobenzene	11.201	156	52039	49.567	ug/l	85
78) n-propylbenzene	11.305	91	285821	49.282	ug/l	98
79) 2-Chlorotoluene	11.366	91	171946	48.881	ug/l	98
80) 1,3,5-Trimethylbenzene	11.457	105	203227	49.521	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.024	75	18212	29.898	ug/l	90
82) 4-Chlorotoluene	11.457	91	196314	48.440	ug/l	96
83) tert-Butylbenzene	11.719	119	190550	48.414	ug/l	92
84) 1,2,4-Trimethylbenzene	11.756	105	206914	50.091	ug/l	98
85) sec-Butylbenzene	11.896	105	242212	48.427	ug/l	98
86) p-Isopropyltoluene	12.012	119	200087	47.365	ug/l	96
87) 1,3-Dichlorobenzene	11.969	146	96759	47.800	ug/l	97
88) 1,4-Dichlorobenzene	12.042	146	97591	46.642	ug/l	97
89) n-Butylbenzene	12.335	91	184326	47.171	ug/l	97
90) Hexachloroethane	12.542	117	31019	44.431	ug/l	71
91) 1,2-Dichlorobenzene	12.335	146	95925	49.336	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	12.945	75	17911	51.000	ug/l	80
93) 1,2,4-Trichlorobenzene	13.591	180	54454	46.414	ug/l	98
94) Hexachlorobutadiene	13.725	225	18732	40.906	ug/l	98
95) Naphthalene	13.780	128	238370	52.097	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	56486	47.762	ug/l	98

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

