

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051821\
 Data File : VX022060.D
 Acq On : 18 May 2021 14:59
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

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 5/20/2021 5:57:16 PM

Quant Time: May 19 01:59:38 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050721W.M
 Quant Title : SW846 8260
 QLast Update : Sat May 08 05:38:18 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	82964	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	158029	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	142642	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	62930	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	68610	50.25	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 100.50%			
35) Dibromofluoromethane	5.385	113	54298	50.14	ug/l	-0.01
Spiked Amount 50.000	Range 75 - 124		Recovery = 100.28%			
50) Toluene-d8	8.652	98	207826	50.29	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 100.58%			
62) 4-Bromofluorobenzene	11.085	95	80083	49.10	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 98.20%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	53408	48.90	ug/l	97
3) Chloromethane	1.294	50	59804	45.59	ug/l	98
4) Vinyl Chloride	1.373	62	63586	41.98	ug/l	99
5) Bromomethane	1.611	94	31738	57.42	ug/l	97
6) Chloroethane	1.684	64	41561	52.75	ug/l	100
7) Trichlorofluoromethane	1.885	101	90798	43.48	ug/l	95
8) Diethyl Ether	2.135	74	39010	44.51	ug/l	87
9) 1,1,2-Trichlorotrifluo...	2.330	101	53289	50.19	ug/l	92
10) Methyl Iodide	2.452	142	58062	46.01	ug/l	96
11) Tert butyl alcohol	2.983	59	71748	196.94	ug/l	98
12) 1,1-Dichloroethene	2.318	96	52070	46.28	ug/l	96
13) Acrolein	2.239	56	44441	299.95	ug/l	99
14) Allyl chloride	2.666	41	97560	47.33	ug/l	97
15) Acrylonitrile	3.068	53	159368	232.81	ug/l	100
16) Acetone	2.385	43	140778	229.89	ug/l	97
17) Carbon Disulfide	2.513	76	136600	43.66	ug/l	99
18) Methyl Acetate	2.708	43	83184	48.99	ug/l	95
19) Methyl tert-butyl Ether	3.117	73	181744	50.39	ug/l	98
20) Methylene Chloride	2.788	84	62460	49.46	ug/l	92
21) trans-1,2-Dichloroethene	3.093	96	57864	48.20	ug/l	95
22) Diisopropyl ether	3.763	45	183164	47.72	ug/l	94
23) Vinyl Acetate	3.727	43	896075	237.24	ug/l	96
24) 1,1-Dichloroethane	3.611	63	110634	50.14	ug/l	99
25) 2-Butanone	4.562	43	246030	233.47	ug/l	94
26) 2,2-Dichloropropane	4.483	77	96863	49.05	ug/l	99
27) cis-1,2-Dichloroethene	4.489	96	69252	48.87	ug/l	99
28) Bromochloromethane	4.903	49	51753	51.34	ug/l	85
29) Tetrahydrofuran	5.007	42	143153	228.61	ug/l	92
30) Chloroform	5.098	83	110890	49.28	ug/l	100
31) Cyclohexane	5.470	56	86739	48.09	ug/l	95
32) 1,1,1-Trichloroethane	5.391	97	98324	49.78	ug/l	99
36) 1,1-Dichloropropene	5.696	75	83759	50.00	ug/l	98
37) Ethyl Acetate	4.720	43	95917	47.40	ug/l	95
38) Carbon Tetrachloride	5.684	117	82304	49.14	ug/l	96
39) Methylcyclohexane	7.384	83	93246	49.59	ug/l	98
40) Benzene	6.043	78	250016	49.57	ug/l	100

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41) Methacrylonitrile	4.921	41	53755	49.19	ug/l	94
42) 1,2-Dichloroethane	6.092	62	88928	51.45	ug/l	99
43) Isopropyl Acetate	6.348	43	161217	47.10	ug/l	95
44) Trichloroethene	7.128	130	62640	51.12	ug/l	99
45) 1,2-Dichloropropane	7.433	63	65736	49.77	ug/l	96
46) Dibromomethane	7.586	93	44058	49.30	ug/l	89
47) Bromodichloromethane	7.823	83	90422	50.17	ug/l	97
48) Methyl methacrylate	7.695	41	76109	48.32	ug/l	92
49) 1,4-Dioxane	7.677	88	27739	837.22	ug/l	98
51) 4-Methyl-2-Pentanone	8.579	43	493017	231.31	ug/l	92
52) Toluene	8.720	92	160364	49.81	ug/l	98
53) t-1,3-Dichloropropene	8.982	75	103143	49.11	ug/l	97
54) cis-1,3-Dichloropropene	8.372	75	110010	50.00	ug/l	95
55) 1,1,2-Trichloroethane	9.152	97	66128	51.38	ug/l	98
56) Ethyl methacrylate	9.122	69	106932	47.29	ug/l #	90
57) 1,3-Dichloropropane	9.311	76	112640	51.16	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	280087	252.94	ug/l	98
59) 2-Hexanone	9.433	43	364875	222.22	ug/l	92
60) Dibromochloromethane	9.524	129	66046	47.62	ug/l	98
61) 1,2-Dibromoethane	9.616	107	66599	49.62	ug/l	100
64) Tetrachloroethene	9.280	164	52177	56.86	ug/l	90
65) Chlorobenzene	10.085	112	167429	50.63	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.164	131	60963	50.22	ug/l	98
67) Ethyl Benzene	10.195	91	305932	50.20	ug/l	98
68) m/p-Xylenes	10.305	106	231605	99.44	ug/l	100
69) o-Xylene	10.646	106	114285	49.16	ug/l	98
70) Styrene	10.658	104	190356	49.26	ug/l	98
71) Bromoform	10.805	173	42481	46.00	ug/l #	99
73) Isopropylbenzene	10.963	105	299343	52.61	ug/l	100
74) N-amyl acetate	10.847	43	139139	45.62	ug/l	92
75) 1,1,2,2-Tetrachloroethane	11.213	83	96441	45.69	ug/l	99
76) 1,2,3-Trichloropropane	11.243	75	87925m	49.14	ug/l	
77) Bromobenzene	11.201	156	63360	51.70	ug/l	90
78) n-propylbenzene	11.311	91	353376	52.42	ug/l	98
79) 2-Chlorotoluene	11.365	91	208797	51.13	ug/l	98
80) 1,3,5-Trimethylbenzene	11.457	105	248437	50.80	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.024	75	36323	47.09	ug/l	96
82) 4-Chlorotoluene	11.457	91	237768	50.30	ug/l	97
83) tert-Butylbenzene	11.719	119	238336	50.29	ug/l	94
84) 1,2,4-Trimethylbenzene	11.756	105	253611	51.71	ug/l	98
85) sec-Butylbenzene	11.896	105	306486	52.67	ug/l	99
86) p-Isopropyltoluene	12.012	119	261487	52.72	ug/l	98
87) 1,3-Dichlorobenzene	11.975	146	119465	51.59	ug/l	96
88) 1,4-Dichlorobenzene	12.042	146	121386	50.67	ug/l	97
89) n-Butylbenzene	12.335	91	244877	53.54	ug/l	98
90) Hexachloroethane	12.542	117	44271	49.38	ug/l	76
91) 1,2-Dichlorobenzene	12.341	146	114128	49.94	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	12.944	75	21872	47.62	ug/l	86
93) 1,2,4-Trichlorobenzene	13.591	180	70835	51.46	ug/l	97
94) Hexachlorobutadiene	13.731	225	27219	50.68	ug/l	97
95) Naphthalene	13.780	128	288574	51.16	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	73199	52.46	ug/l	96

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

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