

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX033121\
 Data File : VX021671.D
 Acq On : 31 Mar 2021 09:54
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 4/1/2021 4:13:39 PM

Quant Time: Apr 01 03:20:36 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032421W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 24 12:25:26 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.623	168	75418	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.823	114	121575	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.094	117	111120	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.059	152	56800	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.023	65	61558	49.06	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	98.12%
35) Dibromofluoromethane	5.458	113	43598	50.49	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	100.98%
50) Toluene-d8	8.694	98	151600	49.26	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	98.52%
62) 4-Bromofluorobenzene	11.118	95	58837	49.18	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	98.36%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.187	85	38187	46.06	ug/l	96
3) Chloromethane	1.311	50	43482	45.63	ug/l	99
4) Vinyl Chloride	1.393	62	40019	47.20	ug/l	99
5) Bromomethane	1.623	94	18750	54.95	ug/l	99
6) Chloroethane	1.699	64	26122	48.58	ug/l	99
7) Trichlorofluoromethane	1.905	101	68538	49.70	ug/l	94
8) Diethyl Ether	2.170	74	24823	51.87	ug/l	82
9) 1,1,2-Trichlorotrifluo...	2.358	101	39170	50.46	ug/l	97
10) Methyl Iodide	2.487	142	33208	54.15	ug/l #	90
11) Tert butyl alcohol	3.017	59	48515	233.86	ug/l	96
12) 1,1-Dichloroethene	2.352	96	35236	46.36	ug/l	91
13) Acrolein	2.270	56	27804	265.44	ug/l	98
14) Allyl chloride	2.705	41	73052	47.35	ug/l #	89
15) Acrylonitrile	3.117	53	123522	250.54	ug/l	97
16) Acetone	2.423	43	120768	254.54	ug/l #	87
17) Carbon Disulfide	2.546	76	85402	40.02	ug/l	98
18) Methyl Acetate	2.746	43	75861	55.34	ug/l	90
19) Methyl tert-butyl Ether	3.164	73	145605	51.30	ug/l	98
20) Methylene Chloride	2.835	84	44027	47.55	ug/l	89
21) trans-1,2-Dichloroethene	3.135	96	40250	48.21	ug/l	90
22) Diisopropyl ether	3.823	45	155383	51.84	ug/l	95
23) Vinyl Acetate	3.782	43	646009	254.81	ug/l #	93
24) 1,1-Dichloroethane	3.664	63	80343	49.72	ug/l	98
25) 2-Butanone	4.629	43	179944	250.19	ug/l #	88
26) 2,2-Dichloropropane	4.547	77	68966	49.27	ug/l	96
27) cis-1,2-Dichloroethene	4.558	96	47813	49.32	ug/l	90
28) Bromochloromethane	4.976	49	39155	48.40	ug/l	86
29) Tetrahydrofuran	5.082	42	116145	249.06	ug/l #	85
30) Chloroform	5.170	83	86757	50.87	ug/l	97
31) Cyclohexane	5.541	56	65210	47.26	ug/l	94
32) 1,1,1-Trichloroethane	5.453	97	75336	49.85	ug/l	96
36) 1,1-Dichloropropene	5.764	75	58778	49.34	ug/l	97
37) Ethyl Acetate	4.788	43	68186	49.50	ug/l #	93
38) Carbon Tetrachloride	5.747	117	66192	51.71	ug/l	99
39) Methylcyclohexane	7.435	83	64787	49.06	ug/l	91
40) Benzene	6.106	78	172195	50.91	ug/l	99

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41) Methacrylonitrile	5.000	41	40385	50.55	ug/l	89
42) 1,2-Dichloroethane	6.153	62	77497	52.84	ug/l	94
43) Isopropyl Acetate	6.406	43	114949	51.40	ug/l #	90
44) Trichloroethene	7.188	130	45711	51.21	ug/l	99
45) 1,2-Dichloropropane	7.482	63	47433	51.76	ug/l	100
46) Dibromomethane	7.635	93	34779	52.07	ug/l	93
47) Bromodichloromethane	7.870	83	72117	53.06	ug/l	98
48) Methyl methacrylate	7.741	41	61377	51.44	ug/l #	82
49) 1,4-Dioxane	7.712	88	22356	1046.68	ug/l #	92
51) 4-Methyl-2-Pentanone	8.618	43	361644	262.89	ug/l	88
52) Toluene	8.765	92	107877	51.63	ug/l	99
53) t-1,3-Dichloropropene	9.018	75	72447	52.79	ug/l	99
54) cis-1,3-Dichloropropene	8.412	75	77750	53.23	ug/l #	86
55) 1,1,2-Trichloroethane	9.194	97	47169	53.49	ug/l	98
56) Ethyl methacrylate	9.159	69	69713	46.93	ug/l #	75
57) 1,3-Dichloropropane	9.347	76	80050	53.05	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.288	63	194761	261.33	ug/l	95
59) 2-Hexanone	9.471	43	269109	260.53	ug/l	84
60) Dibromochloromethane	9.565	129	54344	55.02	ug/l	99
61) 1,2-Dibromoethane	9.653	107	49465	52.22	ug/l	100
64) Tetrachloroethene	9.318	164	43209	58.05	ug/l	93
65) Chlorobenzene	10.118	112	114766	51.41	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.200	131	45926	53.69	ug/l	98
67) Ethyl Benzene	10.236	91	211919	52.08	ug/l	97
68) m/p-Xylenes	10.341	106	152680	105.33	ug/l	92
69) o-Xylene	10.683	106	73466	52.32	ug/l	93
70) Styrene	10.694	104	129502	53.63	ug/l	97
71) Bromoform	10.836	173	37406	53.81	ug/l #	99
73) Isopropylbenzene	11.000	105	205133	51.40	ug/l	99
74) N-amyl acetate	10.877	43	96207	49.82	ug/l #	88
75) 1,1,2,2-Tetrachloroethane	11.253	83	69822	49.52	ug/l	99
76) 1,2,3-Trichloropropane	11.277	75	68528m	51.82	ug/l	
77) Bromobenzene	11.236	156	50537	51.08	ug/l	95
78) n-propylbenzene	11.342	91	237825	50.46	ug/l	100
79) 2-Chlorotoluene	11.406	91	145417	50.86	ug/l	98
80) 1,3,5-Trimethylbenzene	11.489	105	176514	51.77	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.059	75	21562	49.67	ug/l #	83
82) 4-Chlorotoluene	11.495	91	170836	50.33	ug/l	97
83) tert-Butylbenzene	11.753	119	164683	49.61	ug/l	92
84) 1,2,4-Trimethylbenzene	11.789	105	178007	51.79	ug/l	97
85) sec-Butylbenzene	11.930	105	197963	51.70	ug/l	99
86) p-Isopropyltoluene	12.048	119	180699	51.84	ug/l	96
87) 1,3-Dichlorobenzene	12.006	146	91275	51.23	ug/l	98
88) 1,4-Dichlorobenzene	12.077	146	89498	48.56	ug/l	96
89) n-Butylbenzene	12.371	91	166292	52.07	ug/l	96
90) Hexachloroethane	12.577	117	30158	47.94	ug/l	93
91) 1,2-Dichlorobenzene	12.371	146	89381	51.60	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.983	75	16505	46.58	ug/l	83
93) 1,2,4-Trichlorobenzene	13.630	180	57820	50.93	ug/l	98
94) Hexachlorobutadiene	13.765	225	24687	48.18	ug/l	97
95) Naphthalene	13.818	128	190982	51.58	ug/l	100
96) 1,2,3-Trichlorobenzene	14.001	180	56736	50.00	ug/l	96

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

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