

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040121\
 Data File : VX021729.D
 Acq On : 02 Apr 2021 08:58
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 4/5/2021 1:12:47 PM

Quant Time: Apr 03 02:00:14 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	78113	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.823	114	124083	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.094	117	115293	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.059	152	59235	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.023	65	59807	46.02	ug/l	0.00
Spiked Amount 50.000	Range	78 - 117	Recovery	=	92.04%	
35) Dibromofluoromethane	5.458	113	43850	49.75	ug/l	0.00
Spiked Amount 50.000	Range	75 - 124	Recovery	=	99.50%	
50) Toluene-d8	8.694	98	155427	49.49	ug/l	0.00
Spiked Amount 50.000	Range	92 - 112	Recovery	=	98.98%	
62) 4-Bromofluorobenzene	11.118	95	59966	49.11	ug/l	0.00
Spiked Amount 50.000	Range	83 - 123	Recovery	=	98.22%	
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.187	85	39383	45.87	ug/l	97
3) Chloromethane	1.311	50	42946	43.52	ug/l	100
4) Vinyl Chloride	1.393	62	40894	46.57	ug/l	99
5) Bromomethane	1.623	94	18261	51.67	ug/l	97
6) Chloroethane	1.705	64	27064	48.59	ug/l	99
7) Trichlorofluoromethane	1.911	101	69022	48.32	ug/l	99
8) Diethyl Ether	2.170	74	23802	48.02	ug/l	74
9) 1,1,2-Trichlorotrifluo...	2.358	101	39902	49.63	ug/l	97
10) Methyl Iodide	2.487	142	30688	49.03	ug/l #	88
11) Tert butyl alcohol	3.017	59	45673	212.57	ug/l	97
12) 1,1-Dichloroethene	2.352	96	35720	45.37	ug/l #	82
13) Acrolein	2.270	56	23047	213.29	ug/l	98
14) Allyl chloride	2.705	41	73125	45.77	ug/l #	88
15) Acrylonitrile	3.111	53	118158	231.39	ug/l	97
16) Acetone	2.423	43	105152	213.98	ug/l	89
17) Carbon Disulfide	2.546	76	85387	38.63	ug/l	100
18) Methyl Acetate	2.746	43	73809	51.99	ug/l #	89
19) Methyl tert-butyl Ether	3.164	73	143445	48.80	ug/l	97
20) Methylene Chloride	2.835	84	44775	46.69	ug/l	92
21) trans-1,2-Dichloroethene	3.135	96	40564	46.91	ug/l	91
22) Diisopropyl ether	3.823	45	154137	49.65	ug/l	93
23) Vinyl Acetate	3.782	43	622125	236.93	ug/l #	92
24) 1,1-Dichloroethane	3.664	63	80504	48.10	ug/l	96
25) 2-Butanone	4.629	43	168525	226.23	ug/l #	88
26) 2,2-Dichloropropane	4.547	77	72768	50.19	ug/l	97
27) cis-1,2-Dichloroethene	4.558	96	48029	47.83	ug/l	90
28) Bromochloromethane	4.976	49	40021	47.77	ug/l	88
29) Tetrahydrofuran	5.082	42	109049	225.78	ug/l #	85
30) Chloroform	5.170	83	88123	49.89	ug/l	98
31) Cyclohexane	5.541	56	64163	44.90	ug/l	94
32) 1,1,1-Trichloroethane	5.458	97	78146	49.93	ug/l	96
36) 1,1-Dichloropropene	5.758	75	60480	49.75	ug/l	97
37) Ethyl Acetate	4.788	43	64335	45.76	ug/l #	92
38) Carbon Tetrachloride	5.753	117	67960	52.02	ug/l	98
39) Methylcyclohexane	7.435	83	65974	48.95	ug/l	94
40) Benzene	6.106	78	173521	50.26	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.994	41	38215	46.87	ug/l	89
42) 1,2-Dichloroethane	6.159	62	76499	51.11	ug/l	93
43) Isopropyl Acetate	6.406	43	110935	48.60	ug/l #	90
44) Trichloroethene	7.182	130	46809	51.38	ug/l	98
45) 1,2-Dichloropropane	7.482	63	48476	51.83	ug/l	98
46) Dibromomethane	7.635	93	34059	49.97	ug/l	96
47) Bromodichloromethane	7.871	83	72903	52.55	ug/l	99
48) Methyl methacrylate	7.741	41	59617	48.96	ug/l #	83
49) 1,4-Dioxane	7.712	88	20287	930.61	ug/l #	88
51) 4-Methyl-2-Pentanone	8.618	43	354827	252.72	ug/l	88
52) Toluene	8.765	92	110560	51.85	ug/l	99
53) t-1,3-Dichloropropene	9.018	75	73991	52.82	ug/l	99
54) cis-1,3-Dichloropropene	8.412	75	78373	52.58	ug/l #	86
55) 1,1,2-Trichloroethane	9.194	97	48051	53.39	ug/l	98
56) Ethyl methacrylate	9.159	69	70081	46.26	ug/l #	76
57) 1,3-Dichloropropane	9.347	76	79468	51.60	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.288	63	194910	256.25	ug/l	95
59) 2-Hexanone	9.471	43	272015	258.02	ug/l	85
60) Dibromochloromethane	9.565	129	55497	55.05	ug/l	98
61) 1,2-Dibromoethane	9.653	107	49691	51.39	ug/l	99
64) Tetrachloroethene	9.318	164	44256	57.30	ug/l	96
65) Chlorobenzene	10.118	112	118896	51.33	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.200	131	47149	53.13	ug/l	98
67) Ethyl Benzene	10.236	91	221133	52.38	ug/l	100
68) m/p-Xylenes	10.341	106	162315	107.92	ug/l	96
69) o-Xylene	10.683	106	77840	53.43	ug/l	96
70) Styrene	10.694	104	134703	53.77	ug/l	97
71) Bromoform	10.842	173	39953	55.40	ug/l #	99
73) Isopropylbenzene	11.000	105	216356	51.99	ug/l	100
74) N-amyl acetate	10.877	43	97518	48.43	ug/l #	88
75) 1,1,2,2-Tetrachloroethane	11.253	83	70397	47.87	ug/l	100
76) 1,2,3-Trichloropropane	11.277	75	70098m	50.83	ug/l	
77) Bromobenzene	11.236	156	53087	51.46	ug/l	97
78) n-propylbenzene	11.342	91	254530	51.78	ug/l	98
79) 2-Chlorotoluene	11.400	91	153199	51.38	ug/l	98
80) 1,3,5-Trimethylbenzene	11.489	105	186204	52.37	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.059	75	22705	50.15	ug/l #	77
82) 4-Chlorotoluene	11.495	91	184476	52.11	ug/l	97
83) tert-Butylbenzene	11.753	119	174434	50.39	ug/l	93
84) 1,2,4-Trimethylbenzene	11.789	105	186446	52.02	ug/l	99
85) sec-Butylbenzene	11.930	105	210584	52.73	ug/l	99
86) p-Isopropyltoluene	12.048	119	195369	53.75	ug/l	97
87) 1,3-Dichlorobenzene	12.006	146	95312	51.30	ug/l	98
88) 1,4-Dichlorobenzene	12.077	146	96418	50.17	ug/l	98
89) n-Butylbenzene	12.371	91	173492	52.09	ug/l	97
90) Hexachloroethane	12.577	117	34462	52.53	ug/l	94
91) 1,2-Dichlorobenzene	12.377	146	94112	52.10	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.983	75	16604	45.01	ug/l	82
93) 1,2,4-Trichlorobenzene	13.630	180	63409	53.56	ug/l	96
94) Hexachlorobutadiene	13.765	225	26733	50.03	ug/l	97
95) Naphthalene	13.818	128	187828	48.64	ug/l	99
96) 1,2,3-Trichlorobenzene	14.001	180	61906	52.31	ug/l	99

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

