

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031721\
 Data File : VX021269.D
 Acq On : 17 Mar 2021 16:57
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
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 3/18/2021 2:21:11 PM

Quant Time: Mar 18 03:53:34 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X031621W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 16 14:00:21 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.623	168	86281	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	6.823	114	146437	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.094	117	132622	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.059	152	67738	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.023	65	69752	49.29	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	98.58%
35) Dibromofluoromethane	5.458	113	50513	50.69	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	101.38%
50) Toluene-d8	8.694	98	179038	49.52	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	99.04%
62) 4-Bromofluorobenzene	11.118	95	73141	52.09	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	104.18%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.187	85	52250	50.69	ug/l	99
3) Chloromethane	1.311	50	70683	47.53	ug/l	99
4) Vinyl Chloride	1.393	62	51217	48.79	ug/l	100
5) Bromomethane	1.623	94	24478	53.38	ug/l	99
6) Chloroethane	1.711	64	31486	49.08	ug/l	95
7) Trichlorofluoromethane	1.911	101	83495	52.76	ug/l	97
8) Diethyl Ether	2.170	74	28178	50.60	ug/l	82
9) 1,1,2-Trichlorotrifluo...	2.364	101	46852	51.96	ug/l	92
10) Methyl Iodide	2.487	142	35364	44.93	ug/l #	88
11) Tert butyl alcohol	3.011	59	53912	226.76	ug/l	97
12) 1,1-Dichloroethene	2.352	96	44630	50.74	ug/l	85
13) Acrolein	2.270	56	33331	234.78	ug/l	99
14) Allyl chloride	2.705	41	90945	50.17	ug/l	88
15) Acrylonitrile	3.111	53	135756	245.59	ug/l	97
16) Acetone	2.417	43	131691	252.91	ug/l	88
17) Carbon Disulfide	2.546	76	122406	47.84	ug/l	100
18) Methyl Acetate	2.746	43	66868	46.86	ug/l #	89
19) Methyl tert-butyl Ether	3.164	73	168409	51.02	ug/l	99
20) Methylene Chloride	2.834	84	51597	48.18	ug/l #	84
21) trans-1,2-Dichloroethene	3.140	96	48524	49.42	ug/l	93
22) Diisopropyl ether	3.823	45	178920	51.37	ug/l	94
23) Vinyl Acetate	3.782	43	793851	261.26	ug/l #	93
24) 1,1-Dichloroethane	3.664	63	95221	50.63	ug/l	97
25) 2-Butanone	4.623	43	200286	250.14	ug/l #	87
26) 2,2-Dichloropropane	4.546	77	88434	53.89	ug/l	95
27) cis-1,2-Dichloroethene	4.558	96	57373	50.85	ug/l	91
28) Bromochloromethane	4.976	49	45553	51.41	ug/l	85
29) Tetrahydrofuran	5.082	42	124848	236.08	ug/l	87
30) Chloroform	5.170	83	100725	51.44	ug/l	98
31) Cyclohexane	5.541	56	85653	50.07	ug/l	94
32) 1,1,1-Trichloroethane	5.458	97	91019	52.46	ug/l	96
36) 1,1-Dichloropropene	5.758	75	74003	50.16	ug/l	96
37) Ethyl Acetate	4.782	43	77609	45.39	ug/l #	93
38) Carbon Tetrachloride	5.747	117	80478	52.52	ug/l	94
39) Methylcyclohexane	7.435	83	87088	53.16	ug/l	94
40) Benzene	6.105	78	207611	51.06	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.994	41	44598	45.45	ug/l #	88
42) 1,2-Dichloroethane	6.153	62	88873	50.66	ug/l	93
43) Isopropyl Acetate	6.406	43	135609	48.37	ug/l #	91
44) Trichloroethene	7.182	130	53922	49.92	ug/l	90
45) 1,2-Dichloropropane	7.482	63	55948	51.21	ug/l	98
46) Dibromomethane	7.635	93	39482	49.38	ug/l	92
47) Bromodichloromethane	7.870	83	83944	52.36	ug/l	100
48) Methyl methacrylate	7.741	41	70926	47.69	ug/l #	82
49) 1,4-Dioxane	7.712	88	22273	877.97	ug/l #	90
51) 4-Methyl-2-Pentanone	8.618	43	404511	247.96	ug/l	88
52) Toluene	8.759	92	130617	51.95	ug/l	100
53) t-1,3-Dichloropropene	9.018	75	88851	52.24	ug/l	99
54) cis-1,3-Dichloropropene	8.412	75	92565	50.97	ug/l #	81
55) 1,1,2-Trichloroethane	9.194	97	52445	50.98	ug/l	95
56) Ethyl methacrylate	9.153	69	86371	52.21	ug/l #	77
57) 1,3-Dichloropropane	9.347	76	91361	51.04	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.288	63	221311	244.81	ug/l	95
59) 2-Hexanone	9.471	43	306142	250.73	ug/l	85
60) Dibromochloromethane	9.559	129	62305	53.18	ug/l	99
61) 1,2-Dibromoethane	9.653	107	56790	50.37	ug/l	98
64) Tetrachloroethene	9.318	164	49353	49.83	ug/l	95
65) Chlorobenzene	10.118	112	139711	51.24	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.200	131	54904	54.28	ug/l	98
67) Ethyl Benzene	10.235	91	260192	51.60	ug/l	98
68) m/p-Xylenes	10.341	106	189067	104.95	ug/l	93
69) o-Xylene	10.683	106	91701	52.38	ug/l	94
70) Styrene	10.694	104	155872	53.06	ug/l	94
71) Bromoform	10.836	173	44083	53.90	ug/l	99
73) Isopropylbenzene	11.000	105	250322	49.75	ug/l	99
74) N-amyl acetate	10.877	43	121762	47.71	ug/l #	87
75) 1,1,2,2-Tetrachloroethane	11.253	83	80658	48.29	ug/l	100
76) 1,2,3-Trichloropropane	11.277	75	69963m	44.52	ug/l	
77) Bromobenzene	11.236	156	58633	49.11	ug/l	91
78) n-propylbenzene	11.341	91	299155	50.84	ug/l	97
79) 2-Chlorotoluene	11.400	91	176869	49.50	ug/l	97
80) 1,3,5-Trimethylbenzene	11.489	105	217316	51.04	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.059	75	28565	49.36	ug/l	86
82) 4-Chlorotoluene	11.494	91	212703	50.55	ug/l	97
83) tert-Butylbenzene	11.753	119	206402	50.92	ug/l	91
84) 1,2,4-Trimethylbenzene	11.789	105	220703	50.98	ug/l	98
85) sec-Butylbenzene	11.930	105	249494	52.23	ug/l	99
86) p-Isopropyltoluene	12.047	119	229163	52.35	ug/l	96
87) 1,3-Dichlorobenzene	12.006	146	109279	50.19	ug/l	98
88) 1,4-Dichlorobenzene	12.077	146	109075	48.98	ug/l	97
89) n-Butylbenzene	12.371	91	215330	53.97	ug/l	96
90) Hexachloroethane	12.577	117	40242	60.36	ug/l	91
91) 1,2-Dichlorobenzene	12.377	146	108013	50.86	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.983	75	19761	46.13	ug/l	80
93) 1,2,4-Trichlorobenzene	13.630	180	70690	50.64	ug/l	99
94) Hexachlorobutadiene	13.765	225	29145	49.76	ug/l	98
95) Naphthalene	13.818	128	229328	47.73	ug/l	100
96) 1,2,3-Trichlorobenzene	14.001	180	67778	48.75	ug/l	98

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

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