

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031621\
 Data File : VX021240.D
 Acq On : 16 Mar 2021 11:46
 Operator : JC/MD
 Sample : VSTDICCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Manual Integrations
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 3/17/2021 4:23:43 PM

Quant Time: Mar 16 12:23:37 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X031621W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 16 12:20:48 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.635	168	82897	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.829	114	140636	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.094	117	130349	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.059	152	62577	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.029	65	66609	47.45	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	94.90%		
35) Dibromofluoromethane	5.464	113	46927	48.60	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	97.20%		
50) Toluene-d8	8.694	98	169320	48.79	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	97.58%		
62) 4-Bromofluorobenzene	11.118	95	66569	50.00	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	100.00%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.187	85	51181	48.40	ug/l	100
3) Chloromethane	1.311	50	73336	63.71	ug/l	100
4) Vinyl Chloride	1.393	62	52365	49.54	ug/l	98
5) Bromomethane	1.623	94	21708	37.09	ug/l	95
6) Chloroethane	1.705	64	31999	50.72	ug/l	99
7) Trichlorofluoromethane	1.911	101	82156	49.83	ug/l	96
8) Diethyl Ether	2.170	74	27984	50.05	ug/l	82
9) 1,1,2-Trichlorotrifluo...	2.364	101	44984	50.09	ug/l	95
10) Methyl Iodide	2.487	142	37852	33.98	ug/l #	88
11) Tert butyl alcohol	3.017	59	57333	234.70	ug/l	97
12) 1,1-Dichloroethene	2.352	96	43334	48.76	ug/l #	81
13) Acrolein	2.276	56	33424	223.27	ug/l	99
14) Allyl chloride	2.705	41	90767	46.79	ug/l	89
15) Acrylonitrile	3.117	53	138653	254.98	ug/l	97
16) Acetone	2.423	43	125045	222.27	ug/l	89
17) Carbon Disulfide	2.552	76	122433	46.85	ug/l	100
18) Methyl Acetate	2.752	43	67782	49.09	ug/l #	89
19) Methyl tert-butyl Ether	3.170	73	168653	49.81	ug/l	98
20) Methylene Chloride	2.835	84	51427	47.84	ug/l #	83
21) trans-1,2-Dichloroethene	3.140	96	48295	49.44	ug/l	91
22) Diisopropyl ether	3.829	45	178578	50.28	ug/l	95
23) Vinyl Acetate	3.788	43	798765	256.69	ug/l #	92
24) 1,1-Dichloroethane	3.670	63	94155	49.23	ug/l	97
25) 2-Butanone	4.635	43	201851	247.34	ug/l	90
26) 2,2-Dichloropropane	4.552	77	83881	48.44	ug/l	95
27) cis-1,2-Dichloroethene	4.564	96	56011	50.07	ug/l	90
28) Bromochloromethane	4.982	49	43688	46.23	ug/l	83
29) Tetrahydrofuran	5.088	42	132278	250.89	ug/l	86
30) Chloroform	5.176	83	100182	50.27	ug/l	98
31) Cyclohexane	5.547	56	84879	47.69	ug/l	92
32) 1,1,1-Trichloroethane	5.464	97	88964	50.43	ug/l	96
36) 1,1-Dichloropropene	5.770	75	71598	48.80	ug/l	97
37) Ethyl Acetate	4.794	43	81282	49.90	ug/l #	94
38) Carbon Tetrachloride	5.758	117	77665	48.20	ug/l	97
39) Methylcyclohexane	7.441	83	82321	49.91	ug/l	94
40) Benzene	6.111	78	205146	49.85	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	5.005	41	45533	48.75	ug/l	90
42) 1,2-Dichloroethane	6.159	62	86753	49.68	ug/l	93
43) Isopropyl Acetate	6.411	43	138429	50.77	ug/l #	91
44) Trichloroethene	7.188	130	53246	49.01	ug/l	93
45) 1,2-Dichloropropane	7.488	63	55233	49.74	ug/l	98
46) Dibromomethane	7.635	93	39361	50.71	ug/l	91
47) Bromodichloromethane	7.876	83	81570	50.18	ug/l	100
48) Methyl methacrylate	7.747	41	72399	51.44	ug/l #	82
49) 1,4-Dioxane	7.712	88	24495	1034.04	ug/l #	90
51) 4-Methyl-2-Pentanone	8.618	43	412163	264.14	ug/l	88
52) Toluene	8.765	92	128666	51.64	ug/l	100
53) t-1,3-Dichloropropene	9.024	75	85669	50.98	ug/l	98
54) cis-1,3-Dichloropropene	8.412	75	92919	51.62	ug/l #	84
55) 1,1,2-Trichloroethane	9.194	97	52507	51.02	ug/l	99
56) Ethyl methacrylate	9.159	69	84586	52.84	ug/l #	74
57) 1,3-Dichloropropane	9.353	76	89568	50.45	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.288	63	220833	275.24	ug/l	95
59) 2-Hexanone	9.471	43	310692	263.78	ug/l	85
60) Dibromochloromethane	9.565	129	60564	51.57	ug/l	97
61) 1,2-Dibromoethane	9.653	107	56043	52.00	ug/l	99
64) Tetrachloroethene	9.318	164	47800	43.57	ug/l	95
65) Chlorobenzene	10.124	112	133376	49.58	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.206	131	50509	47.51	ug/l	96
67) Ethyl Benzene	10.236	91	252732	50.61	ug/l	99
68) m/p-Xylenes	10.341	106	182245	101.50	ug/l	92
69) o-Xylene	10.683	106	87943	50.71	ug/l	92
70) Styrene	10.694	104	147718	50.24	ug/l	94
71) Bromoform	10.841	173	42003	50.61	ug/l #	99
73) Isopropylbenzene	11.000	105	241720	49.99	ug/l	99
74) N-amyl acetate	10.883	43	122376	52.61	ug/l #	87
75) 1,1,2,2-Tetrachloroethane	11.253	83	80860	53.49	ug/l	99
76) 1,2,3-Trichloropropane	11.277	75	68892m	44.57	ug/l	
77) Bromobenzene	11.236	156	56916	49.41	ug/l	93
78) n-propylbenzene	11.342	91	283823	50.88	ug/l	98
79) 2-Chlorotoluene	11.406	91	169788	50.28	ug/l	98
80) 1,3,5-Trimethylbenzene	11.489	105	207955	51.05	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.059	75	27339	49.90	ug/l #	86
82) 4-Chlorotoluene	11.494	91	200594	50.71	ug/l	97
83) tert-Butylbenzene	11.753	119	194694	52.20	ug/l	91
84) 1,2,4-Trimethylbenzene	11.789	105	209330	51.16	ug/l	96
85) sec-Butylbenzene	11.930	105	230050	51.04	ug/l	99
86) p-Isopropyltoluene	12.047	119	214797	51.81	ug/l	96
87) 1,3-Dichlorobenzene	12.006	146	101522	50.44	ug/l	96
88) 1,4-Dichlorobenzene	12.083	146	105136	50.74	ug/l	98
89) n-Butylbenzene	12.371	91	193014	50.89	ug/l	96
90) Hexachloroethane	12.577	117	32917	44.34	ug/l	94
91) 1,2-Dichlorobenzene	12.377	146	100818	50.88	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	12.983	75	19996	51.48	ug/l	82
93) 1,2,4-Trichlorobenzene	13.630	180	66065	51.81	ug/l	97
94) Hexachlorobutadiene	13.765	225	28558	51.82	ug/l	99
95) Naphthalene	13.818	128	232733	56.90	ug/l	99
96) 1,2,3-Trichlorobenzene	14.001	180	68509	54.28	ug/l	97

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

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