

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031621\
 Data File : VX021258.D
 Acq On : 16 Mar 2021 20:40
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 3/17/2021 4:24:00 PM

Quant Time: Mar 17 02:44:27 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	5.629	168	83959	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.829	114	139483	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.094	117	129349	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.059	152	63063	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.029	65	67368	48.92	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	97.84%		
35) Dibromofluoromethane	5.464	113	47920	50.49	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	100.98%		
50) Toluene-d8	8.694	98	172386	50.06	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	100.12%		
62) 4-Bromofluorobenzene	11.118	95	69923	52.28	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	104.56%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.187	85	49400	49.25	ug/l	97
3) Chloromethane	1.311	50	73183	50.71	ug/l	97
4) Vinyl Chloride	1.393	62	50147	49.09	ug/l	98
5) Bromomethane	1.623	94	19725	44.21	ug/l	98
6) Chloroethane	1.705	64	30426	48.74	ug/l	99
7) Trichlorofluoromethane	1.911	101	78497	50.97	ug/l	100
8) Diethyl Ether	2.170	74	26851	49.55	ug/l	79
9) 1,1,2-Trichlorotrifluo...	2.364	101	43160	49.19	ug/l	96
10) Methyl Iodide	2.487	142	32639	42.61	ug/l	90
11) Tert butyl alcohol	3.017	59	56511	244.27	ug/l	97
12) 1,1-Dichloroethene	2.352	96	42953	50.18	ug/l	88
13) Acrolein	2.276	56	31786	230.15	ug/l	98
14) Allyl chloride	2.705	41	85952	48.73	ug/l	88
15) Acrylonitrile	3.117	53	140060	260.38	ug/l	98
16) Acetone	2.423	43	128894	254.38	ug/l	88
17) Carbon Disulfide	2.552	76	117419	47.16	ug/l	99
18) Methyl Acetate	2.746	43	67301	48.47	ug/l	90
19) Methyl tert-butyl Ether	3.170	73	164970	51.36	ug/l	98
20) Methylene Chloride	2.835	84	50851	48.80	ug/l #	88
21) trans-1,2-Dichloroethene	3.140	96	45753	47.88	ug/l	85
22) Diisopropyl ether	3.823	45	172814	50.99	ug/l	91
23) Vinyl Acetate	3.782	43	771645	260.98	ug/l #	92
24) 1,1-Dichloroethane	3.670	63	90692	49.55	ug/l	97
25) 2-Butanone	4.635	43	201994	259.25	ug/l	92
26) 2,2-Dichloropropane	4.552	77	74036	46.36	ug/l	96
27) cis-1,2-Dichloroethene	4.564	96	54423	49.57	ug/l	92
28) Bromochloromethane	4.982	49	42144	48.88	ug/l	86
29) Tetrahydrofuran	5.088	42	131912	256.34	ug/l	86
30) Chloroform	5.176	83	95778	50.26	ug/l	100
31) Cyclohexane	5.547	56	81062	48.69	ug/l	94
32) 1,1,1-Trichloroethane	5.464	97	86421	51.19	ug/l	97
36) 1,1-Dichloropropene	5.770	75	69132	49.19	ug/l	97
37) Ethyl Acetate	4.794	43	80709	49.56	ug/l #	93
38) Carbon Tetrachloride	5.753	117	74467	51.02	ug/l	99
39) Methylcyclohexane	7.441	83	76738	49.18	ug/l	93
40) Benzene	6.111	78	197396	50.97	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	5.005	41	46501	49.75	ug/l #	89
42) 1,2-Dichloroethane	6.158	62	84455	50.54	ug/l	94
43) Isopropyl Acetate	6.411	43	134848	50.49	ug/l #	91
44) Trichloroethene	7.188	130	52771	51.29	ug/l	94
45) 1,2-Dichloropropane	7.488	63	53448	51.36	ug/l	99
46) Dibromomethane	7.635	93	38365	50.38	ug/l	92
47) Bromodichloromethane	7.876	83	78992	51.73	ug/l	100
48) Methyl methacrylate	7.747	41	70899	50.05	ug/l #	82
49) 1,4-Dioxane	7.718	88	22239	920.88	ug/l #	90
51) 4-Methyl-2-Pentanone	8.618	43	413187	265.91	ug/l	88
52) Toluene	8.765	92	123537	51.58	ug/l	96
53) t-1,3-Dichloropropene	9.024	75	82723	51.06	ug/l	98
54) cis-1,3-Dichloropropene	8.412	75	86708	50.12	ug/l #	85
55) 1,1,2-Trichloroethane	9.194	97	52452	53.53	ug/l	98
56) Ethyl methacrylate	9.159	69	84337	53.53	ug/l #	76
57) 1,3-Dichloropropane	9.353	76	88730	52.04	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.288	63	201115	233.56	ug/l	96
59) 2-Hexanone	9.471	43	313805	269.82	ug/l	85
60) Dibromochloromethane	9.565	129	60760	54.45	ug/l	99
61) 1,2-Dibromoethane	9.653	107	55538	51.72	ug/l	100
64) Tetrachloroethene	9.318	164	48912	50.63	ug/l	94
65) Chlorobenzene	10.118	112	132982	50.01	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.206	131	50388	51.07	ug/l	99
67) Ethyl Benzene	10.235	91	246295	50.08	ug/l	99
68) m/p-Xylenes	10.341	106	180506	102.73	ug/l	95
69) o-Xylene	10.683	106	87336	51.15	ug/l	94
70) Styrene	10.694	104	147807	51.59	ug/l	95
71) Bromoform	10.841	173	43131	54.07	ug/l #	100
73) Isopropylbenzene	11.000	105	242030	51.67	ug/l	98
74) N-amyl acetate	10.883	43	122196	51.42	ug/l #	88
75) 1,1,2,2-Tetrachloroethane	11.253	83	81213	52.23	ug/l	100
76) 1,2,3-Trichloropropane	11.277	75	80083m	54.74	ug/l	
77) Bromobenzene	11.236	156	59072	53.14	ug/l	94
78) n-propylbenzene	11.342	91	279427	51.01	ug/l	98
79) 2-Chlorotoluene	11.406	91	166453	50.03	ug/l	99
80) 1,3,5-Trimethylbenzene	11.489	105	207371	52.32	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.059	75	27739	51.48	ug/l	88
82) 4-Chlorotoluene	11.494	91	199294	50.87	ug/l	97
83) tert-Butylbenzene	11.753	119	195210	51.73	ug/l	91
84) 1,2,4-Trimethylbenzene	11.789	105	205976	51.10	ug/l	99
85) sec-Butylbenzene	11.930	105	230483	51.82	ug/l	99
86) p-Isopropyltoluene	12.047	119	219621	53.89	ug/l	96
87) 1,3-Dichlorobenzene	12.006	146	104724	51.66	ug/l	98
88) 1,4-Dichlorobenzene	12.083	146	105171	50.73	ug/l	98
89) n-Butylbenzene	12.371	91	195419	52.61	ug/l	96
90) Hexachloroethane	12.577	117	32719	52.71	ug/l	94
91) 1,2-Dichlorobenzene	12.371	146	101662	51.42	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	12.983	75	20072	50.33	ug/l	83
93) 1,2,4-Trichlorobenzene	13.630	180	63500	48.86	ug/l	92
94) Hexachlorobutadiene	13.765	225	28083	51.50	ug/l	98
95) Naphthalene	13.818	128	238400	53.30	ug/l	99
96) 1,2,3-Trichlorobenzene	14.001	180	68166	52.66	ug/l	99

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

