

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031521\
 Data File : VX021194.D
 Acq On : 15 Mar 2021 12:13
 Operator : JC/MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX031521

Manual Integrations
 APPROVED

MMDadoda
 3/16/2021 4:36:55 PM

Quant Time: Mar 16 02:59:15 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X031521W.M
 Quant Title : SW846 8260
 QLast Update : Mon Mar 15 11:55:59 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.629	168	91442	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.829	114	152842	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.094	117	134132	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.065	152	65291	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.029	65	75510	48.43	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	96.86%		
35) Dibromofluoromethane	5.470	113	52724	50.14	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	100.28%		
50) Toluene-d8	8.694	98	187428	49.62	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	99.24%		
62) 4-Bromofluorobenzene	11.118	95	72483	50.35	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	100.70%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.187	85	57678	49.15	ug/l	100
3) Chloromethane	1.317	50	54441	45.81	ug/l	98
4) Vinyl Chloride	1.393	62	56453	48.35	ug/l	99
5) Bromomethane	1.623	94	32749	48.68	ug/l	99
6) Chloroethane	1.705	64	33517	48.38	ug/l	100
7) Trichlorofluoromethane	1.911	101	88955	48.99	ug/l	97
8) Diethyl Ether	2.170	74	30097	48.83	ug/l	80
9) 1,1,2-Trichlorotrifluo...	2.364	101	50065	50.52	ug/l	96
10) Methyl Iodide	2.493	142	60561	45.59	ug/l #	89
11) Tert butyl alcohol	3.023	59	61785	227.48	ug/l	97
12) 1,1-Dichloroethene	2.352	96	47517	48.29	ug/l	86
13) Acrolein	2.276	56	36681	219.77	ug/l	98
14) Allyl chloride	2.705	41	99494	46.31	ug/l #	87
15) Acrylonitrile	3.117	53	145227	242.47	ug/l	97
16) Acetone	2.423	43	161177	257.16	ug/l #	88
17) Carbon Disulfide	2.552	76	140148	48.14	ug/l	98
18) Methyl Acetate	2.752	43	70969	46.75	ug/l	90
19) Methyl tert-butyl Ether	3.170	73	183913	49.14	ug/l	97
20) Methylene Chloride	2.834	84	55160	46.62	ug/l #	86
21) trans-1,2-Dichloroethene	3.140	96	52861	48.90	ug/l	90
22) Diisopropyl ether	3.829	45	194897	49.62	ug/l	94
23) Vinyl Acetate	3.788	43	854169	248.75	ug/l #	92
24) 1,1-Dichloroethane	3.670	63	104045	49.15	ug/l	96
25) 2-Butanone	4.635	43	225605	250.20	ug/l #	89
26) 2,2-Dichloropropane	4.552	77	94563	49.12	ug/l	95
27) cis-1,2-Dichloroethene	4.564	96	60902	49.26	ug/l	88
28) Bromochloromethane	4.982	49	50712	47.98	ug/l	85
29) Tetrahydrofuran	5.094	42	138725	238.52	ug/l	86
30) Chloroform	5.176	83	107512	48.77	ug/l	99
31) Cyclohexane	5.547	56	93349	47.32	ug/l	91
32) 1,1,1-Trichloroethane	5.464	97	95257	48.81	ug/l	96
36) 1,1-Dichloropropene	5.770	75	79838	49.84	ug/l	96
37) Ethyl Acetate	4.794	43	86160	48.83	ug/l #	93
38) Carbon Tetrachloride	5.753	117	84675	48.14	ug/l	98
39) Methylcyclohexane	7.441	83	92209	51.26	ug/l	93
40) Benzene	6.111	78	221843	49.54	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.999	41	48476	47.66	ug/l	89
42) 1,2-Dichloroethane	6.158	62	94029	49.36	ug/l	94
43) Isopropyl Acetate	6.411	43	146347	49.45	ug/l #	91
44) Trichloroethene	7.188	130	59028	49.62	ug/l	96
45) 1,2-Dichloropropane	7.488	63	59579	49.23	ug/l	100
46) Dibromomethane	7.635	93	41817	49.60	ug/l	91
47) Bromodichloromethane	7.876	83	87684	49.61	ug/l	97
48) Methyl methacrylate	7.747	41	75938	49.87	ug/l #	82
49) 1,4-Dioxane	7.712	88	25163	979.33	ug/l #	88
51) 4-Methyl-2-Pentanone	8.618	43	423176	250.77	ug/l	88
52) Toluene	8.765	92	135683	50.25	ug/l	98
53) t-1,3-Dichloropropene	9.024	75	92192	50.35	ug/l	99
54) cis-1,3-Dichloropropene	8.418	75	99430	50.97	ug/l #	85
55) 1,1,2-Trichloroethane	9.194	97	55658	49.98	ug/l	98
56) Ethyl methacrylate	9.159	69	88349	51.09	ug/l #	75
57) 1,3-Dichloropropane	9.353	76	96465	50.07	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.288	63	225053	259.40	ug/l	95
59) 2-Hexanone	9.471	43	322267	253.72	ug/l	85
60) Dibromochloromethane	9.565	129	63934	50.26	ug/l	100
61) 1,2-Dibromoethane	9.653	107	58938	50.45	ug/l	100
64) Tetrachloroethene	9.318	164	55934	48.15	ug/l	91
65) Chlorobenzene	10.124	112	140290	50.43	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.206	131	55024	50.17	ug/l	99
67) Ethyl Benzene	10.235	91	263664	51.13	ug/l	96
68) m/p-Xylenes	10.341	106	189183	102.39	ug/l	92
69) o-Xylene	10.683	106	91890	51.23	ug/l	94
70) Styrene	10.694	104	156740	51.53	ug/l	95
71) Bromoform	10.841	173	41509	44.30	ug/l #	95
73) Isopropylbenzene	11.000	105	252122	49.74	ug/l	99
74) N-amyl acetate	10.883	43	122040	50.41	ug/l #	87
75) 1,1,2,2-Tetrachloroethane	11.253	83	77440	49.53	ug/l	99
76) 1,2,3-Trichloropropane	11.277	75	79460m	49.08	ug/l	
77) Bromobenzene	11.236	156	59906	49.69	ug/l	94
78) n-propylbenzene	11.341	91	298159	51.10	ug/l	97
79) 2-Chlorotoluene	11.406	91	175028	49.55	ug/l	99
80) 1,3,5-Trimethylbenzene	11.489	105	218254	51.30	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.059	75	27126	47.56	ug/l	88
82) 4-Chlorotoluene	11.494	91	211080	51.06	ug/l	95
83) tert-Butylbenzene	11.753	119	193050	49.78	ug/l	88
84) 1,2,4-Trimethylbenzene	11.789	105	217668	50.82	ug/l	96
85) sec-Butylbenzene	11.930	105	239689	50.77	ug/l	99
86) p-Isopropyltoluene	12.047	119	226044	52.19	ug/l	97
87) 1,3-Dichlorobenzene	12.006	146	109780	52.16	ug/l	98
88) 1,4-Dichlorobenzene	12.077	146	106405	49.18	ug/l	97
89) n-Butylbenzene	12.371	91	206642	52.03	ug/l	95
90) Hexachloroethane	12.577	117	40024	50.10	ug/l	89
91) 1,2-Dichlorobenzene	12.377	146	103878	49.99	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	12.983	75	19859	49.07	ug/l	77
93) 1,2,4-Trichlorobenzene	13.630	180	71018	53.40	ug/l	97
94) Hexachlorobutadiene	13.765	225	30281	53.02	ug/l	97
95) Naphthalene	13.818	128	224310	46.72	ug/l	100
96) 1,2,3-Trichlorobenzene	14.001	180	67486	47.01	ug/l	97

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

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