

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX012521\
 Data File : VX020715.D
 Acq On : 25 Jan 2021 10:05
 Operator : JC/SP
 Sample : VSTDIC001
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Manual Integrations
 APPROVED

MMDadoda
 1/27/2021 1:15:38 PM

Quant Time: Jan 25 11:57:45 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X012521W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jan 25 11:57:14 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.623	168	306704	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.824	114	512376	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.092	117	472127	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.061	152	217704	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	0.000	65	0d	0.00	ug/l	
Spiked Amount	50.000	Range	61 - 141	Recovery	=	0.00%#
35) Dibromofluoromethane	0.000	113	0d	0.00	ug/l	
Spiked Amount	50.000	Range	69 - 133	Recovery	=	0.00%#
50) Toluene-d8	0.000	98	0d	0.00	ug/l	
Spiked Amount	50.000	Range	65 - 126	Recovery	=	0.00%#
62) 4-Bromofluorobenzene	0.000	95	0d	0.00	ug/l	
Spiked Amount	50.000	Range	58 - 135	Recovery	=	0.00%#

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.185	85	3109	0.73	ug/l	98
3) Chloromethane	1.313	50	4010	0.95	ug/l	95
4) Vinyl Chloride	1.392	62	3859	0.89	ug/l	96
6) Chloroethane	1.715	64	2412	0.80	ug/l #	89
7) Trichlorofluoromethane	1.916	101	5740	0.93	ug/l	98
8) Diethyl Ether	2.166	74	1997	0.91	ug/l	93
9) 1,1,2-Trichlorotrifluo...	2.361	101	2739	0.83	ug/l	92
12) 1,1-Dichloroethene	2.355	96	3043	0.94	ug/l	92
14) Allyl chloride	2.703	41	5494	1.09	ug/l	92
15) Acrylonitrile	3.111	53	8802	4.71	ug/l	99
16) Acetone	2.416	43	8666	5.35	ug/l	91
17) Carbon Disulfide	2.550	76	9178	0.98	ug/l	97
18) Methyl Acetate	2.751	43	3740	0.99	ug/l	96
19) Methyl tert-butyl Ether	3.160	73	9765	0.90	ug/l	94
20) Methylene Chloride	2.831	84	4145	1.04	ug/l #	81
21) trans-1,2-Dichloroethene	3.142	96	3660	1.00	ug/l #	89
22) Diisopropyl ether	3.824	45	9454	0.94	ug/l #	86
23) Vinyl Acetate	3.782	43	35377	4.15	ug/l	98
24) 1,1-Dichloroethane	3.666	63	6355	0.98	ug/l	94
25) 2-Butanone	4.635	43	11488	4.80	ug/l #	82
26) 2,2-Dichloropropane	4.550	77	5049	0.93	ug/l	96
27) cis-1,2-Dichloroethene	4.550	96	3674	0.89	ug/l	90
28) Bromochloromethane	4.964	49	2767	1.03	ug/l #	86
29) Tetrahydrofuran	5.092	42	6454	4.30	ug/l	97
30) Chloroform	5.166	83	6705	0.98	ug/l	96
32) 1,1,1-Trichloroethane	5.458	97	5750	0.95	ug/l #	50
36) 1,1-Dichloropropene	5.769	75	4887	0.95	ug/l	97
37) Ethyl Acetate	4.794	43	4567	0.96	ug/l #	92
38) Carbon Tetrachloride	5.745	117	4992	0.91	ug/l	93
39) Methylcyclohexane	7.433	83	5122	0.88	ug/l	96
40) Benzene	6.104	78	13632	0.90	ug/l	99
41) Methacrylonitrile	5.007	41	2315	0.89	ug/l #	72
42) 1,2-Dichloroethane	6.159	62	5138	0.91	ug/l	90
43) Isopropyl Acetate	6.403	43	6803	0.92	ug/l	96
44) Trichloroethene	7.184	130	3884	0.95	ug/l	89
45) 1,2-Dichloropropane	7.488	63	3412	0.89	ug/l	93
46) Dibromomethane	7.635	93	2364	0.86	ug/l	95

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

47) Bromodichloromethane	7.872	83	4985	0.90	ug/l #	91
48) Methyl methacrylate	7.744	41	3195	0.87	ug/l	95
49) 1,4-Dioxane	7.714	88	1458	17.21	ug/l #	80
51) 4-Methyl-2-Pentanone	8.616	43	18049	3.87	ug/l	95
52) Toluene	8.763	92	7642	0.82	ug/l	94
53) t-1,3-Dichloropropene	9.019	75	4508	0.79	ug/l	96
54) cis-1,3-Dichloropropene	8.409	75	5073	0.81	ug/l	92
55) 1,1,2-Trichloroethane	9.195	97	3596	0.91	ug/l	91
56) Ethyl methacrylate	9.153	69	3665	0.71	ug/l	90
57) 1,3-Dichloropropane	9.348	76	5678	0.87	ug/l	95
58) 2-Chloroethyl Vinyl ether	8.287	63	9358	3.31	ug/l	99
59) 2-Hexanone	9.470	43	13141	3.77	ug/l	93
60) Dibromochloromethane	9.561	129	3955	0.93	ug/l	98
61) 1,2-Dibromoethane	9.653	107	3565	0.88	ug/l	100
64) Tetrachloroethene	9.317	164	3766	1.00	ug/l	93
65) Chlorobenzene	10.116	112	9031	0.88	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.201	131	3679	0.95	ug/l #	65
67) Ethyl Benzene	10.232	91	14748	0.85	ug/l	98
68) m/p-Xylenes	10.342	106	9918	1.53	ug/l	97
69) o-Xylene	10.683	106	4597	0.74	ug/l	92
70) Styrene	10.695	104	7741	0.75	ug/l	96
71) Bromoform	10.835	173	2490	0.82	ug/l #	98
73) Isopropylbenzene	11.000	105	12613	0.82	ug/l	99
74) N-amyl acetate	10.878	43	4534	0.82	ug/l #	93
75) 1,1,2,2-Tetrachloroethane	11.250	83	5197	0.95	ug/l	95
76) 1,2,3-Trichloropropane	11.280	75	4815m	0.93	ug/l	
77) Bromobenzene	11.232	156	3642	0.93	ug/l	99
78) n-propylbenzene	11.341	91	13826	0.78	ug/l	97
79) 2-Chlorotoluene	11.402	91	8925	0.82	ug/l	98
80) 1,3,5-Trimethylbenzene	11.488	105	9827	0.76	ug/l	99
82) 4-Chlorotoluene	11.494	91	10234	0.80	ug/l	96
83) tert-Butylbenzene	11.756	119	9736	0.77	ug/l	97
84) 1,2,4-Trimethylbenzene	11.792	105	9392	0.71	ug/l	99
85) sec-Butylbenzene	11.927	105	11269	0.77	ug/l	98
86) p-Isopropyltoluene	12.049	119	9624	0.71	ug/l	89
87) 1,3-Dichlorobenzene	12.006	146	6596	0.91	ug/l	99
88) 1,4-Dichlorobenzene	12.079	146	6835m	0.93	ug/l	
89) n-Butylbenzene	12.372	91	9421	0.80	ug/l	99
90) Hexachloroethane	12.579	117	2212	0.90	ug/l	84
91) 1,2-Dichlorobenzene	12.372	146	6728	0.95	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.981	75	981	0.81	ug/l	91
93) 1,2,4-Trichlorobenzene	13.627	180	3456	0.77	ug/l	95
94) Hexachlorobutadiene	13.762	225	2047	0.95	ug/l	95
95) Naphthalene	13.816	128	7430	0.55	ug/l	95
96) 1,2,3-Trichlorobenzene	14.005	180	3230	0.73	ug/l	96

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

