

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX011921\
 Data File : VX020651.D
 Acq On : 19 Jan 2021 10:52
 Operator : JC/SP
 Sample : VSTDIC005
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Manual Integrations
 APPROVED

MMDadoda
 1/20/2021 5:42:16 PM

Quant Time: Jan 19 12:19:31 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X011921W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 19 12:16:47 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.617	168	204387	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	6.824	114	330208	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.092	117	305516	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.061	152	144495	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.025	65	15319	6.04	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	12.08%#
35) Dibromofluoromethane	5.458	113	12488	5.44	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	10.88%#
50) Toluene-d8	8.696	98	43265	5.27	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	10.54%#
62) 4-Bromofluorobenzene	11.122	95	15705	5.26	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	10.52%#

Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.185	85	12139	5.53	ug/l 99
3) Chloromethane	1.307	50	13734	6.76	ug/l 98
4) Vinyl Chloride	1.392	62	14777	6.48	ug/l 100
5) Bromomethane	1.630	94	7720	5.40	ug/l 99
6) Chloroethane	1.709	64	9614	7.26	ug/l 100
7) Trichlorofluoromethane	1.910	101	22546	6.15	ug/l 95
8) Diethyl Ether	2.166	74	7956	6.10	ug/l 84
9) 1,1,2-Trichlorotrifluo...	2.361	101	12693	6.23	ug/l 99
10) Methyl Iodide	2.489	142	14358	5.11	ug/l 95
11) Tert butyl alcohol	3.008	59	15185	31.52	ug/l # 84
12) 1,1-Dichloroethene	2.355	96	11705	5.88	ug/l 95
13) Acrolein	2.270	56	7188	22.03	ug/l 100
14) Allyl chloride	2.703	41	17198	6.11	ug/l 98
15) Acrylonitrile	3.111	53	33226	30.88	ug/l 98
16) Acetone	2.416	43	30126	31.38	ug/l 99
17) Carbon Disulfide	2.544	76	32983	5.96	ug/l 100
18) Methyl Acetate	2.745	43	13223	5.91	ug/l 100
19) Methyl tert-butyl Ether	3.160	73	37841	5.83	ug/l 100
20) Methylene Chloride	2.831	84	14726	6.21	ug/l 97
21) trans-1,2-Dichloroethene	3.136	96	13439	6.02	ug/l 94
22) Diisopropyl ether	3.818	45	35409	6.23	ug/l 97
23) Vinyl Acetate	3.776	43	143706	29.55	ug/l 100
24) 1,1-Dichloroethane	3.666	63	23904	6.35	ug/l 99
25) 2-Butanone	4.623	43	42142	30.53	ug/l 96
26) 2,2-Dichloropropane	4.550	77	19451	5.64	ug/l 97
27) cis-1,2-Dichloroethene	4.562	96	15066	6.03	ug/l 97
28) Bromochloromethane	4.977	49	10393	6.80	ug/l 99
29) Tetrahydrofuran	5.086	42	25006	29.74	ug/l 98
30) Chloroform	5.166	83	26243	6.31	ug/l 94
31) Cyclohexane	5.538	56	18801	6.20	ug/l 94
32) 1,1,1-Trichloroethane	5.458	97	22175	5.95	ug/l 99
36) 1,1-Dichloropropene	5.757	75	18290	5.96	ug/l 97
37) Ethyl Acetate	4.788	43	15939	5.67	ug/l 99
38) Carbon Tetrachloride	5.751	117	19763	5.59	ug/l 98
39) Methylcyclohexane	7.434	83	20196	5.76	ug/l 90
40) Benzene	6.105	78	54789	5.98	ug/l 97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.995	41	8869	6.06	ug/l	98
42) 1,2-Dichloroethane	6.159	62	20688	6.26	ug/l	98
43) Isopropyl Acetate	6.403	43	24295	5.60	ug/l	100
44) Trichloroethene	7.184	130	14433	5.36	ug/l	99
45) 1,2-Dichloropropane	7.482	63	13808	6.10	ug/l	92
46) Dibromomethane	7.629	93	9776	5.73	ug/l	98
47) Bromodichloromethane	7.866	83	20061	5.78	ug/l	97
48) Methyl methacrylate	7.738	41	11784	5.57	ug/l	99
49) 1,4-Dioxane	7.726	88	5554	105.81	ug/l	94
51) 4-Methyl-2-Pentanone	8.616	43	78028	28.94	ug/l	96
52) Toluene	8.763	92	33317	5.74	ug/l	99
53) t-1,3-Dichloropropene	9.019	75	18384	5.19	ug/l	100
54) cis-1,3-Dichloropropene	8.409	75	21147	5.55	ug/l	98
55) 1,1,2-Trichloroethane	9.195	97	14358	5.87	ug/l	95
56) Ethyl methacrylate	9.159	69	16000	5.01	ug/l	97
57) 1,3-Dichloropropane	9.348	76	23383	5.83	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.287	63	45714	30.12	ug/l	98
59) 2-Hexanone	9.470	43	56607	27.99	ug/l	94
60) Dibromochloromethane	9.561	129	14619	5.32	ug/l	97
61) 1,2-Dibromoethane	9.653	107	14445	5.55	ug/l	100
64) Tetrachloroethene	9.311	164	14425	5.31	ug/l	94
65) Chlorobenzene	10.116	112	37144	5.74	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.201	131	13529	5.44	ug/l	98
67) Ethyl Benzene	10.232	91	59058	5.43	ug/l	97
68) m/p-Xylenes	10.342	106	44510	10.78	ug/l	99
69) o-Xylene	10.683	106	20522	5.35	ug/l	98
70) Styrene	10.695	104	33374	5.12	ug/l	97
71) Bromoform	10.835	173	10247	5.18	ug/l #	100
73) Isopropylbenzene	11.000	105	54973	5.53	ug/l	99
74) N-amyl acetate	10.878	43	17685	5.63	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.250	83	20950	6.43	ug/l	98
76) 1,2,3-Trichloropropane	11.274	75	19406m	6.19	ug/l	
77) Bromobenzene	11.238	156	14517	5.51	ug/l	98
78) n-propylbenzene	11.341	91	61969	5.62	ug/l	100
79) 2-Chlorotoluene	11.402	91	40270	5.91	ug/l	99
80) 1,3,5-Trimethylbenzene	11.488	105	45446	5.45	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.055	75	5850	5.11	ug/l	91
82) 4-Chlorotoluene	11.494	91	47181	5.85	ug/l	98
83) tert-Butylbenzene	11.750	119	43868	5.49	ug/l	96
84) 1,2,4-Trimethylbenzene	11.786	105	46246	5.58	ug/l	98
85) sec-Butylbenzene	11.927	105	51957	5.58	ug/l	100
86) p-Isopropyltoluene	12.049	119	46855	5.44	ug/l	97
87) 1,3-Dichlorobenzene	12.006	146	27150	5.63	ug/l	99
88) 1,4-Dichlorobenzene	12.079	146	27973	5.67	ug/l	93
89) n-Butylbenzene	12.372	91	39667	5.26	ug/l	98
90) Hexachloroethane	12.579	117	8754	5.38	ug/l	98
91) 1,2-Dichlorobenzene	12.372	146	26004	5.47	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	12.981	75	4192	5.44	ug/l	92
93) 1,2,4-Trichlorobenzene	13.628	180	15129	4.81	ug/l	98
94) Hexachlorobutadiene	13.762	225	8379	4.97	ug/l	96
95) Naphthalene	13.817	128	40408	4.34	ug/l	98
96) 1,2,3-Trichlorobenzene	13.999	180	15234	4.76	ug/l	98

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

