

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051821\
 Data File : VX022064.D
 Acq On : 18 May 2021 20:11
 Operator : JC/MD
 Sample : VSTDIC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

Manual Integrations
 APPROVED

MMDadoda
 5/20/2021 5:57:22 PM

Quant Time: May 19 04:50:11 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051821W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 19 04:48:29 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.562	168	80547	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	158630	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.061	117	146024	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	63428	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	60510	18.07	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	36.14%#		
35) Dibromofluoromethane	5.397	113	46593	17.89	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	35.78%#		
50) Toluene-d8	8.653	98	180729	18.41	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	36.82%#		
62) 4-Bromofluorobenzene	11.085	95	67341	18.42	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	36.84%#		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.167	85	19510	19.38	ug/l	99
3) Chloromethane	1.295	50	21862	19.58	ug/l	98
4) Vinyl Chloride	1.374	62	22880	19.42	ug/l	96
5) Bromomethane	1.612	94	12513	19.00	ug/l	99
6) Chloroethane	1.691	64	14046	20.86	ug/l	98
7) Trichlorofluoromethane	1.892	101	30837	19.05	ug/l	100
8) Diethyl Ether	2.136	74	13091	18.52	ug/l	91
9) 1,1,2-Trichlorotrifluo...	2.331	101	18487	19.32	ug/l	97
10) Methyl Iodide	2.453	142	18259	18.07	ug/l	98
11) Tert butyl alcohol	2.983	59	29256	96.82	ug/l	98
12) 1,1-Dichloroethene	2.325	96	18285	19.23	ug/l	94
13) Acrolein	2.240	56	18265	87.96	ug/l	99
14) Allyl chloride	2.666	41	33457	18.38	ug/l	99
15) Acrylonitrile	3.075	53	57010	95.39	ug/l	98
16) Acetone	2.392	43	53681	95.96	ug/l	99
17) Carbon Disulfide	2.514	76	44119	18.09	ug/l	98
18) Methyl Acetate	2.709	43	28144	18.76	ug/l	100
19) Methyl tert-butyl Ether	3.117	73	62179	19.26	ug/l	98
20) Methylene Chloride	2.794	84	22030	17.30	ug/l	96
21) trans-1,2-Dichloroethene	3.099	96	19610	18.45	ug/l	98
22) Diisopropyl ether	3.764	45	62421	18.51	ug/l #	77
23) Vinyl Acetate	3.727	43	309674	94.58	ug/l	100
24) 1,1-Dichloroethane	3.623	63	37364	18.79	ug/l	99
25) 2-Butanone	4.568	43	90711	95.69	ug/l	98
26) 2,2-Dichloropropane	4.483	77	30406	19.29	ug/l	100
27) cis-1,2-Dichloroethene	4.495	96	23584	18.67	ug/l	97
28) Bromochloromethane	4.916	49	18012	18.85	ug/l	100
29) Tetrahydrofuran	5.019	42	52605	95.81	ug/l	98
30) Chloroform	5.105	83	38254	18.98	ug/l	95
31) Cyclohexane	5.483	56	30074	18.80	ug/l	96
32) 1,1,1-Trichloroethane	5.391	97	33601	19.27	ug/l	99
36) 1,1-Dichloropropene	5.702	75	27508	18.46	ug/l	99
37) Ethyl Acetate	4.727	43	35792	18.88	ug/l	99
38) Carbon Tetrachloride	5.684	117	28049	18.85	ug/l	93
39) Methylcyclohexane	7.391	83	29733	18.76	ug/l	98
40) Benzene	6.050	78	87291	19.25	ug/l	97

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41) Methacrylonitrile	4.934	41	18576	18.76	ug/l	98
42) 1,2-Dichloroethane	6.099	62	30603	19.31	ug/l	99
43) Isopropyl Acetate	6.355	43	56338	18.56	ug/l	99
44) Trichloroethene	7.135	130	21065	18.73	ug/l	98
45) 1,2-Dichloropropane	7.440	63	22177	19.07	ug/l	100
46) Dibromomethane	7.586	93	15197	19.59	ug/l	99
47) Bromodichloromethane	7.830	83	29914	18.69	ug/l #	96
48) Methyl methacrylate	7.702	41	26428	19.44	ug/l	98
49) 1,4-Dioxane	7.678	88	11742	416.76	ug/l	92
51) 4-Methyl-2-Pentanone	8.580	43	179119	97.69	ug/l	100
52) Toluene	8.726	92	55052	18.88	ug/l	96
53) t-1,3-Dichloropropene	8.982	75	33191	19.02	ug/l	99
54) cis-1,3-Dichloropropene	8.373	75	36780	19.24	ug/l	96
55) 1,1,2-Trichloroethane	9.159	97	22643	19.69	ug/l	96
56) Ethyl methacrylate	9.122	69	36092	18.92	ug/l	99
57) 1,3-Dichloropropane	9.311	76	38604	19.06	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.245	63	98848	97.35	ug/l	100
59) 2-Hexanone	9.433	43	135190	98.20	ug/l	100
60) Dibromochloromethane	9.525	129	20997	18.82	ug/l	100
61) 1,2-Dibromoethane	9.616	107	22368	18.81	ug/l	99
64) Tetrachloroethene	9.281	164	18519	19.55	ug/l	96
65) Chlorobenzene	10.086	112	57130	18.90	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.165	131	19867	18.64	ug/l	98
67) Ethyl Benzene	10.195	91	103798	18.94	ug/l	98
68) m/p-Xylenes	10.305	106	78694	37.56	ug/l	98
69) o-Xylene	10.647	106	37773	18.58	ug/l	95
70) Styrene	10.659	104	64350	18.98	ug/l	99
71) Bromoform	10.805	173	13673	19.40	ug/l #	97
73) Isopropylbenzene	10.964	105	100583	19.07	ug/l	98
74) N-amyl acetate	10.848	43	47855	18.44	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.214	83	34635	19.21	ug/l	97
76) 1,2,3-Trichloropropane	11.244	75	32299m	15.79	ug/l	
77) Bromobenzene	11.201	156	21156	19.08	ug/l	95
78) n-propylbenzene	11.305	91	117193	18.86	ug/l	100
79) 2-Chlorotoluene	11.366	91	70218	18.84	ug/l	100
80) 1,3,5-Trimethylbenzene	11.457	105	83522	19.02	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.025	75	11249	18.12	ug/l	94
82) 4-Chlorotoluene	11.457	91	81844	18.96	ug/l	100
83) tert-Butylbenzene	11.720	119	80604	19.12	ug/l	99
84) 1,2,4-Trimethylbenzene	11.756	105	85959	19.01	ug/l	100
85) sec-Butylbenzene	11.896	105	101387	19.13	ug/l	98
86) p-Isopropyltoluene	12.012	119	84027	18.66	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	40284	18.56	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	39865	18.31	ug/l	96
89) n-Butylbenzene	12.335	91	77395	18.95	ug/l	99
90) Hexachloroethane	12.543	117	14103	18.47	ug/l	98
91) 1,2-Dichlorobenzene	12.341	146	39547	18.91	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	7665	19.34	ug/l	98
93) 1,2,4-Trichlorobenzene	13.591	180	23051	18.90	ug/l	99
94) Hexachlorobutadiene	13.725	225	8827	19.52	ug/l	98
95) Naphthalene	13.780	128	93632	18.92	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	22791	18.57	ug/l	98

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

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