

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022421\
 Data File : VX020896.D
 Acq On : 24 Feb 2021 12:06
 Operator : JC/MD
 Sample : VSTDIC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

Manual Integrations
 APPROVED

MMDadoda
 2/25/2021 1:08:46 PM

Quant Time: Feb 24 13:00:03 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022421W.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 24 12:56:13 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.629	168	179583	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.835	114	322553	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.094	117	280171	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.059	152	128815	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.029	65	42923	19.24	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	38.48%#		
35) Dibromofluoromethane	5.464	113	34177	15.55	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	31.10%#		
50) Toluene-d8	8.694	98	134854	16.99	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	33.98%#		
62) 4-Bromofluorobenzene	11.117	95	49196	17.02	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	34.04%#		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.187	85	37151	20.72	ug/l	99
3) Chloromethane	1.316	50	41259	23.95	ug/l	98
4) Vinyl Chloride	1.393	62	47085	23.83	ug/l	100
5) Bromomethane	1.628	94	26609	22.80	ug/l	99
6) Chloroethane	1.710	64	29349	25.44	ug/l	95
7) Trichlorofluoromethane	1.916	101	59341	19.07	ug/l	100
8) Diethyl Ether	2.169	74	26884	23.04	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.363	101	36241	20.39	ug/l	99
10) Methyl Iodide	2.487	142	48070	19.44	ug/l	96
11) Tert butyl alcohol	3.016	59	52323	115.98	ug/l	97
12) 1,1-Dichloroethene	2.357	96	37199	21.07	ug/l	94
13) Acrolein	2.275	56	28839	94.77	ug/l	99
14) Allyl chloride	2.705	41	62361	24.50	ug/l	100
15) Acrylonitrile	3.116	53	110033	115.02	ug/l	99
16) Acetone	2.422	43	93054	110.21	ug/l	99
17) Carbon Disulfide	2.552	76	107689	21.99	ug/l	100
18) Methyl Acetate	2.752	43	45066	22.49	ug/l	99
19) Methyl tert-butyl Ether	3.169	73	135987	23.34	ug/l	99
20) Methylene Chloride	2.834	84	43640	20.80	ug/l	99
21) trans-1,2-Dichloroethene	3.140	96	41692	21.06	ug/l	99
22) Diisopropyl ether	3.822	45	124990	24.56	ug/l	91
23) Vinyl Acetate	3.787	43	541345	124.20	ug/l	99
24) 1,1-Dichloroethane	3.669	63	73374	22.12	ug/l	100
25) 2-Butanone	4.634	43	145894	119.01	ug/l	98
26) 2,2-Dichloropropane	4.552	77	66614	21.64	ug/l	99
27) cis-1,2-Dichloroethene	4.564	96	48079	21.62	ug/l	99
28) Bromochloromethane	4.981	49	29519	21.64	ug/l	100
29) Tetrahydrofuran	5.093	42	92849	123.74	ug/l	100
30) Chloroform	5.176	83	73231	20.10	ug/l	99
31) Cyclohexane	5.552	56	67781	24.95	ug/l	99
32) 1,1,1-Trichloroethane	5.458	97	64338	19.79	ug/l	99
36) 1,1-Dichloropropene	5.770	75	55894	18.92	ug/l	100
37) Ethyl Acetate	4.793	43	56447	20.74	ug/l	99
38) Carbon Tetrachloride	5.752	117	54315	16.25	ug/l	97
39) Methylcyclohexane	7.441	83	71018	20.89	ug/l	98
40) Benzene	6.111	78	173410	19.57	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.999	41	31174	21.78	ug/l	98
42) 1,2-Dichloroethane	6.164	62	58024	18.48	ug/l	99
43) Isopropyl Acetate	6.411	43	94541	22.16	ug/l	99
44) Trichloroethene	7.188	130	45008	17.35	ug/l	100
45) 1,2-Dichloropropane	7.488	63	43730	19.97	ug/l	99
46) Dibromomethane	7.641	93	28898	17.73	ug/l	96
47) Bromodichloromethane	7.876	83	60097	18.01	ug/l	95
48) Methyl methacrylate	7.746	41	46783	22.48	ug/l	98
49) 1,4-Dioxane	7.711	88	23126	446.29	ug/l	98
51) 4-Methyl-2-Pentanone	8.617	43	277151	106.23	ug/l	99
52) Toluene	8.764	92	107407	19.14	ug/l	99
53) t-1,3-Dichloropropene	9.023	75	67348	19.48	ug/l	99
54) cis-1,3-Dichloropropene	8.411	75	74588	20.15	ug/l	98
55) 1,1,2-Trichloroethane	9.194	97	43343	18.40	ug/l	96
56) Ethyl methacrylate	9.158	69	68262	21.66	ug/l	99
57) 1,3-Dichloropropane	9.353	76	73725	19.05	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.288	63	170480	113.65	ug/l	97
59) 2-Hexanone	9.470	43	208485	106.84	ug/l	99
60) Dibromochloromethane	9.564	129	43923	16.62	ug/l	96
61) 1,2-Dibromoethane	9.653	107	44498	17.80	ug/l	97
64) Tetrachloroethene	9.317	164	39243	15.91	ug/l	93
65) Chlorobenzene	10.117	112	109819	18.50	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.206	131	40764	17.89	ug/l	98
67) Ethyl Benzene	10.235	91	203927	20.46	ug/l	99
68) m/p-Xylenes	10.341	106	148453	39.36	ug/l	99
69) o-Xylene	10.682	106	72481	20.51	ug/l	99
70) Styrene	10.694	104	125211	20.83	ug/l	99
71) Bromoform	10.841	173	31582	17.59	ug/l #	99
73) Isopropylbenzene	11.000	105	193072	21.75	ug/l	99
74) N-amyl acetate	10.882	43	76344	26.17	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.253	83	61725	21.21	ug/l	99
76) 1,2,3-Trichloropropane	11.276	75	52543m	18.69	ug/l	
77) Bromobenzene	11.235	156	43825	18.69	ug/l	95
78) n-propylbenzene	11.341	91	216184	21.91	ug/l	100
79) 2-Chlorotoluene	11.406	91	130494	21.46	ug/l	100
80) 1,3,5-Trimethylbenzene	11.488	105	159035	21.34	ug/l	97
81) trans-1,4-Dichloro-2-b...	11.059	75	23160	21.93	ug/l	95
82) 4-Chlorotoluene	11.494	91	149209	20.72	ug/l	98
83) tert-Butylbenzene	11.753	119	158570	22.24	ug/l	98
84) 1,2,4-Trimethylbenzene	11.788	105	161812	21.82	ug/l	100
85) sec-Butylbenzene	11.929	105	180427	21.50	ug/l	100
86) p-Isopropyltoluene	12.047	119	165584	21.45	ug/l	100
87) 1,3-Dichlorobenzene	12.006	146	75734	17.82	ug/l	96
88) 1,4-Dichlorobenzene	12.082	146	80304	18.39	ug/l	98
89) n-Butylbenzene	12.371	91	146162	21.60	ug/l	99
90) Hexachloroethane	12.576	117	30873	20.80	ug/l	90
91) 1,2-Dichlorobenzene	12.376	146	76141	17.98	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.982	75	13378	19.49	ug/l	99
93) 1,2,4-Trichlorobenzene	13.630	180	50340	18.12	ug/l	98
94) Hexachlorobutadiene	13.765	225	19396	13.22	ug/l	97
95) Naphthalene	13.818	128	178952	21.49	ug/l	99
96) 1,2,3-Trichlorobenzene	14.000	180	50699	18.00	ug/l	99

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

