

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV050321\
 Data File : VV021235.D
 Acq On : 03 May 2021 10:25
 Operator : SY/MD
 Sample : VSTD05066
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050166

Quant Time: May 03 18:41:39 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM050321WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon May 03 18:24:52 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	765887	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.857	117	740015	50.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.255	152	429557	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	171747	29.90	ug/L	0.00
7) Chloroethane-d5	1.568	69	149940	34.66	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.108	63	463122	41.60	ug/L	0.00
21) 2-Butanone-d5	3.899	46	278562	92.93	ug/L	0.00
24) Chloroform-d	4.352	84	554708	49.67	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.034	65	411682	56.33	ug/L	0.00
32) Benzene-d6	5.053	84	882005	45.80	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.072	67	221045	39.48	ug/L	0.00
41) Toluene-d8	7.320	98	911873	48.65	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.625	79	166077	51.44	ug/L	0.00
47) 2-Hexanone-d5	8.091	63	217377	96.32	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.220	84	353056	41.59	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.628	152	420807	49.62	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.130	85	290483	39.69	ug/L	95
3) Chloromethane	1.243	50	183091	30.33	ug/L	100
5) Vinyl chloride	1.310	62	222807	35.36	ug/L	100
6) Bromomethane	1.523	94	175422	40.02	ug/L	100
8) Chloroethane	1.587	64	147002	38.57	ug/L	92
9) Trichlorofluoromethane	1.754	101	582414	48.71	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.117	101	256264	44.07	ug/L	93
12) 1,1-Dichloroethene	2.117	96	228921	43.53	ug/L	98
13) Acetone	2.198	43	305606	106.26	ug/L	85
14) Carbon disulfide	2.294	76	582725	40.88	ug/L	99
15) Methyl Acetate	2.436	43	191898	42.60	ug/L	90
16) Methylene chloride	2.506	84	237685	43.09	ug/L	93
17) trans-1,2-Dichloroethene	2.760	96	229798	45.29	ug/L	96
18) Methyl tert-butyl Ether	2.770	73	847126	52.56	ug/L #	91
19) 1,1-Dichloroethane	3.191	63	403198	44.22	ug/L	98
20) cis-1,2-Dichloroethene	3.912	96	258075	47.29	ug/L	97
22) 2-Butanone	3.986	43	289898	90.94	ug/L	98
23) Bromochloromethane	4.252	128	152997	48.31	ug/L	86
25) Chloroform	4.378	83	535962	50.60	ug/L	100
27) 1,2-Dichloroethane	5.133	62	494464	56.82	ug/L	98
29) Cyclohexane	4.680	56	307388	43.09	ug/L	87
30) 1,1,1-Trichloroethane	4.609	97	573934	56.66	ug/L	99
31) Carbon tetrachloride	4.831	117	519864	55.97	ug/L	98
33) Benzene	5.101	78	930673	46.46	ug/L	100
34) Trichloroethene	5.915	95	283834	50.29	ug/L	98
35) Methylcyclohexane	6.133	83	396666	47.76	ug/L	96
37) 1,2-Dichloropropane	6.175	63	186190	39.36	ug/L #	92
38) Bromodichloromethane	6.513	83	407081	51.68	ug/L	99
39) cis-1,3-Dichloropropene	7.030	75	392690	49.06	ug/L	97
40) 4-Methyl-2-pentanone	7.230	43	569800	96.59	ug/L #	95
42) Toluene	7.391	91	1082837	49.05	ug/L	98
44) trans-1,3-Dichloropropene	7.651	75	429611	51.05	ug/L	99

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45) 1,1,2-Trichloroethane	7.844	97	249698	46.65	ug/L	95
46) Tetrachloroethene	7.979	164	255412	50.37	ug/L	94
48) 2-Hexanone	8.143	43	475775	102.07	ug/L	94
49) Dibromochloromethane	8.249	129	354663	52.61	ug/L	98
50) 1,2-Dibromoethane	8.355	107	284329	48.76	ug/L	98
51) Chlorobenzene	8.886	112	744619	48.62	ug/L	97
52) Ethylbenzene	9.017	91	1268910	51.33	ug/L	99
53) m,p-Xylene	9.143	106	497464	52.68	ug/L	100
54) o-Xylene	9.548	106	485374	52.38	ug/L	98
55) Styrene	9.564	104	827909	53.05	ug/L	92
57) 1,1,2,2-Tetrachloroethane	10.246	83	329661	40.05	ug/L #	95
59) Bromoform	9.734	173	274794	51.97	ug/L	100
60) Isopropylbenzene	9.937	105	1346680	52.66	ug/L	98
61) 1,2,3-Trichloropropane	10.278	75	337633	47.56	ug/L	94
62) 1,3,5-Trimethylbenzene	10.545	105	1216235	55.44	ug/L	98
63) 1,2,4-Trimethylbenzene	10.921	105	1216324	55.68	ug/L	95
64) 1,3-Dichlorobenzene	11.185	146	655946	51.62	ug/L	99
65) 1,4-Dichlorobenzene	11.278	146	645812	49.62	ug/L	98
67) 1,2-Dichlorobenzene	11.648	146	666292	50.70	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.435	75	124152	56.16	ug/L	94
69) 1,3,5-Trichlorobenzene	12.651	180	511851	51.64	ug/L	97
70) 1,2,4-trichlorobenzene	13.268	180	433408	53.30	ug/L	98
71) Naphthalene	13.509	128	1223479	54.88	ug/L	100
72) 1,2,3-Trichlorobenzene	13.750	180	437113	53.25	ug/L	97

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

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