

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV030521\
 Data File : VV020467.D
 Acq On : 05 Mar 2021 11:31
 Operator : SY/MD
 Sample : VSTD01063
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD01063

Quant Time: Mar 05 13:08:50 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SOMVLM030521WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Mar 05 13:07:06 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	536052	50.00	ug/L	# 0.00
28) Chlorobenzene-d5	8.857	117	525477	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.256	152	288237	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	40951	10.55	ug/L	0.00
7) Chloroethane-d5	1.568	69	31802	10.10	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.108	63	67716	9.41	ug/L	0.00
21) 2-Butanone-d5	3.899	46	39035	18.34	ug/L	0.00
24) Chloroform-d	4.352	84	68525	9.90	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.037	65	43021	9.87	ug/L	0.00
32) Benzene-d6	5.053	84	137009	10.11	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.076	67	41814	10.32	ug/L	0.00
41) Toluene-d8	7.320	98	127390	9.96	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.629	79	17510	8.55	ug/L	0.00
47) 2-Hexanone-d5	8.098	63	21590	13.22	ug/L	0.00
57) 1,1,2,2-Tetrachloroeth...	10.223	84	49788	8.70	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.632	152	57493	10.46	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.127	85	52437	11.06	ug/L	100
3) Chloromethane	1.240	50	44545	10.56	ug/L	97
5) Vinyl chloride	1.311	62	45815	10.17	ug/L	98
6) Bromomethane	1.523	94	32791	11.37	ug/L	96
8) Chloroethane	1.584	64	26930	9.77	ug/L	96
9) Trichlorofluoromethane	1.751	101	68447	10.60	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.118	101	35897	10.49	ug/L	# 82
12) 1,1-Dichloroethene	2.118	96	35909	10.77	ug/L	70
13) Acetone	2.175	43	29076	19.51	ug/L	90
14) Carbon disulfide	2.294	76	97441	10.04	ug/L	100
15) Methyl Acetate	2.436	43	30496	9.48	ug/L	# 87
16) Methylene chloride	2.507	84	39983	10.97	ug/L	82
17) trans-1,2-Dichloroethene	2.761	96	36288	10.54	ug/L	85
18) Methyl tert-butyl Ether	2.770	73	95100	9.23	ug/L	95
19) 1,1-Dichloroethane	3.192	63	62143	10.05	ug/L	99
20) cis-1,2-Dichloroethene	3.918	96	36883	9.92	ug/L	84
22) 2-Butanone	3.979	43	37707	17.62	ug/L	81
23) Bromochloromethane	4.253	128	20994	10.38	ug/L	# 72
25) Chloroform	4.381	83	69357	10.51	ug/L	94
27) 1,2-Dichloroethane	5.137	62	50001	9.76	ug/L	# 92
29) Cyclohexane	4.677	56	46373	8.96	ug/L	85
30) 1,1,1-Trichloroethane	4.613	97	59334	10.26	ug/L	95
31) Carbon tetrachloride	4.828	117	51432	10.16	ug/L	97
33) Benzene	5.105	78	142028	10.16	ug/L	100
34) Trichloroethene	5.921	95	44573	11.47	ug/L	89
35) Methylcyclohexane	6.134	83	52062	9.14	ug/L	91
37) 1,2-Dichloropropane	6.179	63	34536	9.85	ug/L	# 95
38) Bromodichloromethane	6.516	83	46825	9.68	ug/L	95
39) cis-1,3-Dichloropropene	7.034	75	46882	8.41	ug/L	93
40) 4-Methyl-2-pentanone	7.230	43	77560	17.76	ug/L	# 92
42) Toluene	7.394	91	153753	9.98	ug/L	99
44) trans-1,3-Dichloropropene	7.658	75	47844	8.88	ug/L	99

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45) 1,1,2-Trichloroethane	7.844	97	37949	10.37	ug/L	98
46) Tetrachloroethene	7.979	164	35412	11.12	ug/L	92
48) 2-Hexanone	8.146	43	60858	18.22	ug/L #	92
49) Dibromochloromethane	8.252	129	39354	9.77	ug/L	96
50) 1,2-Dibromoethane	8.359	107	39876	10.17	ug/L #	96
51) Chlorobenzene	8.886	112	110589	10.67	ug/L	93
52) Ethylbenzene	9.018	91	164416	9.73	ug/L	97
53) m,p-Xylene	9.143	106	62692	9.66	ug/L	93
54) o-xylene	9.548	106	59728	9.45	ug/L	94
55) Styrene	9.567	104	102155	9.42	ug/L	93
56) Isopropylbenzene	9.937	105	158029	9.39	ug/L	97
58) 1,1,2,2-Tetrachloroethane	10.246	83	47972	8.53	ug/L	99
59) 1,2,3-Trichloropropane	10.281	75	47502	10.09	ug/L	99
61) Bromoform	9.738	173	27527	9.43	ug/L #	97
62) 1,3-Dichlorobenzene	11.188	146	88054	10.32	ug/L	96
63) 1,4-Dichlorobenzene	11.278	146	93309	10.65	ug/L	96
65) 1,2-Dichlorobenzene	11.651	146	89284	10.46	ug/L	95
66) 1,2-Dibromo-3-chloropr...	12.436	75	9309	7.51	ug/L #	71
67) 1,3,5-Trichlorobenzene	12.654	180	65906	9.88	ug/L	97
68) 1,2,4-trichlorobenzene	13.272	180	53653	9.13	ug/L	96
69) Naphthalene	13.513	128	126612	7.59	ug/L	99
70) 1,2,3-Trichlorobenzene	13.754	180	55478	9.42	ug/L	95

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

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