

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV030521\
 Data File : VV020466.D
 Acq On : 05 Mar 2021 11:07
 Operator : SY/MD
 Sample : VSTD00562
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD00562

Manual Integrations
 APPROVED

MMDadoda
 3/7/2021 5:00:38 PM

Quant Time: Mar 05 13:08:04 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	529286	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.857	117	536806	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.255	152	282739	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	19363	5.05	ug/L	0.00
7) Chloroethane-d5	1.568	69	16124	5.19	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.108	63	33233	4.68	ug/L	0.00
21) 2-Butanone-d5	3.908	46	16510m	7.86	ug/L	0.02
24) Chloroform-d	4.352	84	33234	4.86	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.037	65	20183	4.69	ug/L	0.00
32) Benzene-d6	5.053	84	62311	4.50	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.076	67	19880	4.80	ug/L	0.00
41) Toluene-d8	7.320	98	58028	4.44	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.629	79	7869	3.76	ug/L	0.00
47) 2-Hexanone-d5	8.101	63	8970	5.37	ug/L	0.00
57) 1,1,2,2-Tetrachloroeth...	10.223	84	23024	3.94	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.632	152	26374	4.89	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.127	85	25078	5.36	ug/L	98
3) Chloromethane	1.240	50	22309	5.36	ug/L	97
5) Vinyl chloride	1.310	62	23311	5.24	ug/L	96
6) Bromomethane	1.523	94	15636	5.49	ug/L	95
8) Chloroethane	1.584	64	13769	5.06	ug/L	99
9) Trichlorofluoromethane	1.751	101	33336	5.23	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	18452	5.46	ug/L #	85
12) 1,1-Dichloroethene	2.118	96	17812	5.41	ug/L #	65
13) Acetone	2.179	43	14652	9.95	ug/L	92
14) Carbon disulfide	2.294	76	48650	5.08	ug/L	100
15) Methyl Acetate	2.439	43	15604	4.91	ug/L	94
16) Methylene chloride	2.507	84	19355	5.38	ug/L	84
17) trans-1,2-Dichloroethene	2.761	96	18178	5.35	ug/L	89
18) Methyl tert-butyl Ether	2.767	73	45523	4.47	ug/L	95
19) 1,1-Dichloroethane	3.191	63	30729	5.04	ug/L	100
20) cis-1,2-Dichloroethene	3.915	96	17807	4.85	ug/L	83
22) 2-Butanone	3.989	43	18655m	8.83	ug/L	
23) Bromochloromethane	4.259	128	11221	5.62	ug/L #	67
25) Chloroform	4.378	83	34359	5.27	ug/L	98
27) 1,2-Dichloroethane	5.137	62	25560	5.05	ug/L #	94
29) Cyclohexane	4.680	56	21918	4.15	ug/L	91
30) 1,1,1-Trichloroethane	4.609	97	28405	4.81	ug/L	94
31) Carbon tetrachloride	4.831	117	25764	4.98	ug/L	98
33) Benzene	5.101	78	69011	4.83	ug/L	100
34) Trichloroethene	5.918	95	22209	5.60	ug/L	87
35) Methylcyclohexane	6.130	83	25249	4.34	ug/L	92
37) 1,2-Dichloropropane	6.178	63	18155	5.07	ug/L #	95
38) Bromodichloromethane	6.516	83	22867	4.63	ug/L #	99
39) cis-1,3-Dichloropropene	7.034	75	23438	4.12	ug/L	99
40) 4-Methyl-2-pentanone	7.233	43	33967	7.61	ug/L #	92
42) Toluene	7.391	91	71093	4.52	ug/L	99
44) trans-1,3-Dichloropropene	7.657	75	20837	3.79	ug/L	95

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45) 1,1,2-Trichloroethane	7.844	97	18826	5.04	ug/L	95
46) Tetrachloroethene	7.979	164	17788	5.47	ug/L	90
48) 2-Hexanone	8.146	43	26026	7.63	ug/L #	94
49) Dibromochloromethane	8.252	129	17621	4.28	ug/L	98
50) 1,2-Dibromoethane	8.358	107	19245	4.80	ug/L	97
51) Chlorobenzene	8.886	112	54386	5.14	ug/L	94
52) Ethylbenzene	9.018	91	78014	4.52	ug/L	98
53) m,p-Xylene	9.143	106	29336	4.42	ug/L	94
54) o-xylene	9.548	106	27061	4.19	ug/L	93
55) Styrene	9.567	104	43989	3.97	ug/L	94
56) Isopropylbenzene	9.937	105	72396	4.21	ug/L	98
58) 1,1,2,2-Tetrachloroethane	10.246	83	21376	3.72	ug/L	98
59) 1,2,3-Trichloropropane	10.281	75	22334	4.65	ug/L	100
61) Bromoform	9.738	173	11955	4.18	ug/L #	98
62) 1,3-Dichlorobenzene	11.188	146	41187	4.92	ug/L	97
63) 1,4-Dichlorobenzene	11.281	146	45995	5.35	ug/L	95
65) 1,2-Dichlorobenzene	11.651	146	42654	5.09	ug/L	96
66) 1,2-Dibromo-3-chloropr...	12.435	75	3727	3.06	ug/L #	60
67) 1,3,5-Trichlorobenzene	12.654	180	31446	4.81	ug/L	97
68) 1,2,4-trichlorobenzene	13.271	180	24310	4.22	ug/L	96
69) Naphthalene	13.513	128	49072	3.00	ug/L	99
70) 1,2,3-Trichlorobenzene	13.754	180	25018	4.33	ug/L	96

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

