

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV090920\
 Data File : VV018161.D
 Acq On : 09 Sep 2020 10:12
 Operator : SY/MD
 Sample : VSTD00564
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD00564

Manual Integrations
 APPROVED

MMDadoda
 9/11/2020 2:08:24 PM

Quant Time: Sep 10 02:35:56 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM090920WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Sep 10 02:02:18 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	257878	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	254231	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	131039	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	9928	4.94	ug/L	0.00
7) Chloroethane-d5	1.58	69	8475	5.16	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.12	63	18172	4.77	ug/L	0.00
21) 2-Butanone-d5	3.94	46	10807m	8.38	ug/L	0.03
24) Chloroform-d	4.38	84	16900	4.68	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.06	65	10773	4.62	ug/L	0.00
32) Benzene-d6	5.08	84	32629	4.62	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.10	67	10408	4.55	ug/L	0.00
41) Toluene-d8	7.34	98	28266	4.42	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.65	79	4845	4.56	ug/L	0.00
47) 2-Hexanone-d5	8.11	63	5421	7.09	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.24	84	12339	4.15	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.65	152	12965	4.95	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	8521	4.258	ug/L 99
3) Chloromethane	1.25	50	9372	4.100	ug/L 99
5) Vinyl chloride	1.32	62	9758	4.299	ug/L 99
6) Bromomethane	1.53	94	5671	4.146	ug/L 97
8) Chloroethane	1.60	64	6109	4.216	ug/L 98
9) Trichlorofluoromethane	1.77	101	13040	4.031	ug/L 99
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	7822	4.264	ug/L 100
12) 1,1-Dichloroethene	2.14	96	7683	4.420	ug/L 96
13) Acetone	2.20	43	10342	8.140	ug/L 94
14) Carbon disulfide	2.31	76	23041	4.709	ug/L 99
15) Methyl Acetate	2.45	43	8422	4.020	ug/L 92
16) Methylene chloride	2.52	84	9109	4.208	ug/L 96
17) trans-1,2-Dichloroethene	2.78	96	7666	4.288	ug/L 94
18) Methyl tert-butyl Ether	2.78	73	22575	3.885	ug/L 99
19) 1,1-Dichloroethane	3.21	63	14698	4.139	ug/L 98
20) cis-1,2-Dichloroethene	3.94	96	7865	4.040	ug/L 96
22) 2-Butanone	4.02	43	8730	6.071	ug/L # 66
23) Bromochloromethane	4.28	128	4074	3.993	ug/L 96
25) Chloroform	4.41	83	14724	4.066	ug/L 99
27) 1,2-Dichloroethane	5.16	62	11351	3.964	ug/L 96
29) Cyclohexane	4.70	56	11818	3.845	ug/L 97
30) 1,1,1-Trichloroethane	4.63	97	12785	4.121	ug/L 98
31) Carbon tetrachloride	4.85	117	11409	4.357	ug/L 99
33) Benzene	5.13	78	30918	3.972	ug/L 100
34) Trichloroethene	5.94	95	8941	4.315	ug/L 95
35) Methylcyclohexane	6.15	83	11757	3.779	ug/L 97
37) 1,2-Dichloropropane	6.20	63	8432	3.994	ug/L 99
38) Bromodichloromethane	6.53	83	10455	3.953	ug/L 94
39) cis-1,3-Dichloropropene	7.05	75	10829	3.571	ug/L 93
40) 4-Methyl-2-pentanone	7.25	43	17053	6.284	ug/L 96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	7.41	91	30459	3.733	ug/L	99
44) trans-1,3-Dichloropropene	7.68	75	10904	3.776	ug/L	98
45) 1,1,2-Trichloroethane	7.86	97	7712	3.934	ug/L	98
46) Tetrachloroethene	8.00	164	6490	4.195	ug/L	95
48) 2-Hexanone	8.16	43	13202	6.062	ug/L	96
49) Dibromochloromethane	8.27	129	8084	4.126	ug/L	90
50) 1,2-Dibromoethane	8.37	107	7513	3.688	ug/L	97
51) Chlorobenzene	8.90	112	21150	4.013	ug/L	100
52) Ethylbenzene	9.03	91	32389	3.634	ug/L	100
53) m,p-Xylene	9.16	106	11592	3.529	ug/L	98
54) o-xylene	9.57	106	10882	3.355	ug/L	94
55) Styrene	9.59	104	18182	3.281	ug/L	100
56) Isopropylbenzene	9.95	105	29454	3.432	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	10.26	83	10175	3.370	ug/L	96
59) 1,2,3-Trichloropropane	10.29	75	9554	3.698	ug/L	100
61) Bromoform	9.76	173	5580	4.347	ug/L	98
62) 1,3-Dichlorobenzene	11.20	146	16302	3.913	ug/L	99
63) 1,4-Dichlorobenzene	11.30	146	17400	4.064	ug/L	98
65) 1,2-Dichlorobenzene	11.67	146	17004	3.988	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.45	75	2027	3.304	ug/L	92
67) 1,3,5-Trichlorobenzene	12.67	180	12020	3.764	ug/L	98
68) 1,2,4-trichlorobenzene	13.29	180	9527	3.394	ug/L	97
69) Naphthalene	13.53	128	19509	2.581	ug/L	99
70) 1,2,3-Trichlorobenzene	13.77	180	9402	3.314	ug/L	98

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

