

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV072020\
 Data File : VV017537.D
 Acq On : 20 Jul 2020 11:47
 Operator : SY/MD
 Sample : VSTD00565
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD00565

Manual Integrations
 APPROVED

MMDadoda
 7/22/2020 11:03:30 AM

Quant Time: Jul 20 18:02:55 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM072020WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Jul 20 17:41:43 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	311946	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	297825	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	150330	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	9396	5.70	ug/L	0.00
7) Chloroethane-d5	1.58	69	8035	6.72	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.12	63	21787	5.85	ug/L	0.00
21) 2-Butanone-d5	3.94	46	13172m	11.74	ug/L	0.03
24) Chloroform-d	4.38	84	20850	5.55	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.06	65	13281	5.15	ug/L	0.00
32) Benzene-d6	5.08	84	34823	5.47	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.09	67	10780	5.86	ug/L	0.00
41) Toluene-d8	7.34	98	31632	5.17	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.65	79	6026	5.55	ug/L	0.00
47) 2-Hexanone-d5	8.11	63	8519	10.86	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.24	84	15150	5.77	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.65	152	15264	6.10	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	17808	5.439 ug/L	99
3) Chloromethane	1.25	50	14709	6.311 ug/L	99
5) Vinyl chloride	1.32	62	15073	6.257 ug/L	97
6) Bromomethane	1.53	94	9316	7.158 ug/L	98
8) Chloroethane	1.60	64	9000	7.074 ug/L	97
9) Trichlorofluoromethane	1.77	101	24406	5.480 ug/L	98
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	13164	6.242 ug/L	99
12) 1,1-Dichloroethene	2.14	96	11416	5.993 ug/L #	75
13) Acetone	2.19	43	21340	14.266 ug/L	100
14) Carbon disulfide	2.31	76	33334	5.954 ug/L	99
15) Methyl Acetate	2.45	43	12283	6.163 ug/L	100
16) Methylene chloride	2.52	84	13866	6.401 ug/L	93
17) trans-1,2-Dichloroethene	2.78	96	11948	5.983 ug/L	98
18) Methyl tert-butyl Ether	2.78	73	38905	5.684 ug/L	99
19) 1,1-Dichloroethane	3.21	63	21070	5.668 ug/L	98
20) cis-1,2-Dichloroethene	3.94	96	12738	5.874 ug/L	99
22) 2-Butanone	4.01	43	14934m	10.348 ug/L	
23) Bromochloromethane	4.28	128	6902	5.697 ug/L #	92
25) Chloroform	4.40	83	24072	5.748 ug/L	100
27) 1,2-Dichloroethane	5.16	62	20104	5.490 ug/L	98
29) Cyclohexane	4.70	56	16826	5.531 ug/L #	100
30) 1,1,1-Trichloroethane	4.64	97	22558	5.551 ug/L	96
31) Carbon tetrachloride	4.85	117	21314	5.746 ug/L	93
33) Benzene	5.13	78	43449	5.580 ug/L	100
34) Trichloroethene	5.94	95	11875	5.178 ug/L	94
35) Methylcyclohexane	6.15	83	18333	5.469 ug/L	97
37) 1,2-Dichloropropane	6.20	63	11976	6.270 ug/L	99
38) Bromodichloromethane	6.53	83	17738	5.654 ug/L #	97
39) cis-1,3-Dichloropropene	7.05	75	16954	5.157 ug/L	99
40) 4-Methyl-2-pentanone	7.25	43	29470	11.066 ug/L	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	7.41	91	48069	5.533	ug/L	98
44) trans-1,3-Dichloropropene	7.68	75	18095	5.321	ug/L	95
45) 1,1,2-Trichloroethane	7.86	97	12782	6.109	ug/L	98
46) Tetrachloroethene	8.00	164	10972	5.637	ug/L	89
48) 2-Hexanone	8.16	43	22281	10.339	ug/L	99
49) Dibromochloromethane	8.27	129	14333	5.457	ug/L	96
50) 1,2-Dibromoethane	8.38	107	13335	5.803	ug/L	98
51) Chlorobenzene	8.90	112	34351	5.785	ug/L	98
52) Ethylbenzene	9.03	91	53210	5.332	ug/L	98
53) m,p-Xylene	9.16	106	21067	5.649	ug/L	94
54) o-xylene	9.56	106	19635	5.438	ug/L	97
55) Styrene	9.58	104	31582	5.030	ug/L	99
56) Isopropylbenzene	9.95	105	54438	5.425	ug/L	98
58) 1,1,2,2-Tetrachloroethane	10.26	83	18338	5.916	ug/L #	93
59) 1,2,3-Trichloropropane	10.30	75	16262	6.067	ug/L	96
61) Bromoform	9.75	173	10671	5.848	ug/L	97
62) 1,3-Dichlorobenzene	11.21	146	28630	6.141	ug/L	98
63) 1,4-Dichlorobenzene	11.29	146	29719	6.250	ug/L	98
65) 1,2-Dichlorobenzene	11.67	146	28980	6.202	ug/L	97
66) 1,2-Dibromo-3-chloropropan	12.45	75	4855	6.252	ug/L	93
67) 1,3,5-Trichlorobenzene	12.67	180	22567	6.354	ug/L	96
68) 1,2,4-trichlorobenzene	13.28	180	20258	6.479	ug/L	96
69) Naphthalene	13.53	128	53235	6.116	ug/L	98
70) 1,2,3-Trichlorobenzene	13.77	180	20232	6.399	ug/L	95

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

