

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW072020\
 Data File : VW015869.D
 Acq On : 20 Jul 2020 10:58
 Operator : SY/VA
 Sample : VSTD2.506
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD2.506

Manual Integrations
 APPROVED

MMDadoda
 7/23/2020 4:21:37 PM

Quant Time: Jul 20 14:04:57 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM072020S.M
 Quant Title : VOC Analysis
 QLast Update : Mon Jul 20 14:01:02 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	451744	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	397681	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	184247	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	18852	2.96	ug/L	0.00
7) Chloroethane-d5	2.90	69	14060	2.72	ug/L	0.00
10) 1,1-Dichloroethene-d2	4.01	63	35647	2.77	ug/L	0.00
20) 2-Butanone-d5	7.09	46	8309	4.96	ug/L	0.00
24) Chloroform-d	7.65	84	34836	2.75	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.31	65	19135	2.75	ug/L	0.00
29) Benzene-d6	8.27	84	68272	2.82	ug/L	0.00
33) 1,2-Dichloropropane-d6	9.28	67	20206	2.78	ug/L	0.00
37) Toluene-d8	10.32	98	60797	2.77	ug/L	0.00
38) trans-1,3-Dichloropropene-	10.58	79	8322	2.69	ug/L	0.00
39) 2-Hexanone-d5	10.93	63	5427	4.49	ug/L	0.00
48) 1,1,2,2-Tetrachloroethane-	12.69	84	14725	2.64	ug/L	0.00
61) 1,2-Dichlorobenzene-d4	13.85	152	20228	2.82	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	2.01	85	8716	2.280 ug/L	95
3) Chloromethane	2.21	50	12107	2.619 ug/L	100
5) Vinyl chloride	2.37	62	16836	2.361 ug/L	96
6) Bromomethane	2.78	94	10432	2.452 ug/L	97
8) Chloroethane	2.93	64	9526	2.280 ug/L	99
9) Trichlorofluoromethane	3.26	101	10855	2.265 ug/L	98
11) 1,1,2-Trichloro-1,2,2-trif	4.06	101	13332	2.276 ug/L #	85
12) 1,1-Dichloroethene	4.04	96	13515	2.327 ug/L	97
13) Acetone	4.13	43	7791	5.541 ug/L	85
14) Carbon disulfide	4.37	76	43997	2.399 ug/L	97
15) Methyl Acetate	4.68	43	5968m	2.251 ug/L	
16) Methylene chloride	4.92	84	24565	3.319 ug/L	97
17) Methyl tert-butyl Ether	5.43	73	17863	2.175 ug/L #	90
18) trans-1,2-Dichloroethene	5.42	96	13991	2.282 ug/L	97
19) 1,1-Dichloroethane	6.21	63	25766	2.280 ug/L	97
21) 2-Butanone	7.18	43	7451	4.285 ug/L	98
22) cis-1,2-Dichloroethene	7.17	96	14154	2.206 ug/L	94
23) Bromochloromethane	7.51	128	5922	2.105 ug/L	96
25) Chloroform	7.68	83	25077	2.239 ug/L	99
27) 1,2-Dichloroethane	8.40	62	17177	2.254 ug/L	96
30) Cyclohexane	7.96	56	22082	2.202 ug/L	100
31) 1,1,1-Trichloroethane	7.87	97	21893	2.358 ug/L	99
32) Carbon tetrachloride	8.07	117	19313	2.294 ug/L	99
34) Benzene	8.32	78	56172	2.326 ug/L	100
35) Trichloroethene	9.09	95	15122	2.367 ug/L	98
36) Methylcyclohexane	9.34	83	24096	2.198 ug/L	98
40) 1,2-Dichloropropane	9.37	63	13782	2.303 ug/L #	97
41) Bromodichloromethane	9.65	83	17289	2.237 ug/L	95
42) cis-1,3-Dichloropropene	10.07	75	18808	2.064 ug/L	100
43) 4-Methyl-2-pentanone	10.21	43	14128	4.045 ug/L	99

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44) Toluene	10.39	91	56517	2.231	ug/L	99
45) trans-1,3-Dichloropropene	10.61	75	16116	2.040	ug/L	93
46) 1,1,2-Trichloroethane	10.79	97	9620	2.236	ug/L	98
47) Tetrachloroethene	10.87	164	11694	2.358	ug/L	97
49) 2-Hexanone	10.97	43	10221	4.124	ug/L	96
50) Dibromochloromethane	11.13	129	10705	2.149	ug/L	92
51) 1,2-Dibromoethane	11.24	107	9031	2.194	ug/L	93
52) Chlorobenzene	11.66	112	37791	2.328	ug/L	99
53) Ethylbenzene	11.73	91	63091	2.215	ug/L	98
54) m,p-Xylene	11.84	106	23071	2.165	ug/L	98
55) o-xylene	12.17	106	21388	2.131	ug/L	90
56) Styrene	12.18	104	34642	2.030	ug/L	99
57) Isopropylbenzene	12.47	105	58673	2.148	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	12.72	83	10988	2.175	ug/L	96
59) 1,2,3-Trichloropropane	12.77	75	8218	2.171	ug/L	99
62) Bromoform	12.35	173	5602	2.067	ug/L	98
63) 1,3-Dichlorobenzene	13.50	146	26810	2.274	ug/L	95
64) 1,4-Dichlorobenzene	13.58	146	27677	2.313	ug/L	97
65) 1,2-Dichlorobenzene	13.87	146	23839	2.226	ug/L	98
66) 1,2-Dibromo-3-chloropropan	14.48	75	1697	2.105	ug/L #	80
67) 1,3,5-Trichlorobenzene	14.63	180	18511	2.233	ug/L	99
68) 1,2,4-trichlorobenzene	15.13	180	13680	2.077	ug/L	97
69) Naphthalene	15.37	128	23373	1.884	ug/L	98
70) 1,2,3-Trichlorobenzene	15.56	180	12891	2.197	ug/L	98

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

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