

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW100720\
 Data File : VW016794.D
 Acq On : 06 Oct 2020 14:25
 Operator : SY/VA
 Sample : VSTD00503
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD00503

Manual Integrations
 APPROVED

MMDadoda
 10/8/2020 5:38:21 PM

Quant Time: Oct 06 15:55:22 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM100720S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Oct 06 15:30:00 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	577686	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	519730	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	260414	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	30050	5.29	ug/L	0.00
7) Chloroethane-d5	2.89	69	24538	5.26	ug/L	0.00
10) 1,1-Dichloroethene-d2	4.03	63	60931	4.86	ug/L	0.00
20) 2-Butanone-d5	7.09	46	13874m	9.28	ug/L	0.00
24) Chloroform-d	7.65	84	64159	5.25	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.31	65	31849	5.12	ug/L	0.00
29) Benzene-d6	8.28	84	127795	5.38	ug/L	0.00
33) 1,2-Dichloropropane-d6	9.28	67	33912	5.30	ug/L	0.00
37) Toluene-d8	10.33	98	119673	5.15	ug/L	0.00
38) trans-1,3-Dichloropropene-	10.58	79	13877	4.39	ug/L	0.00
39) 2-Hexanone-d5	10.93	63	10214	8.98	ug/L	0.00
48) 1,1,2,2-Tetrachloroethane-	12.69	84	27436	5.08	ug/L	0.00
61) 1,2-Dichlorobenzene-d4	13.85	152	42995	5.10	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	2.01	85	30236	4.208 ug/L	97
3) Chloromethane	2.21	50	27929	5.143 ug/L	100
5) Vinyl chloride	2.37	62	38210	4.882 ug/L	100
6) Bromomethane	2.79	94	27499	4.687 ug/L	98
8) Chloroethane	2.93	64	23446	5.036 ug/L	97
9) Trichlorofluoromethane	3.26	101	26983	3.618 ug/L	99
11) 1,1,2-Trichloro-1,2,2-trif	4.07	101	38272	5.072 ug/L	99
12) 1,1-Dichloroethene	4.04	96	36025	4.858 ug/L	93
13) Acetone	4.15	43	10033	8.807 ug/L	95
14) Carbon disulfide	4.39	76	99003	4.471 ug/L	98
15) Methyl Acetate	4.68	43	11570	4.392 ug/L #	67
16) Methylene chloride	4.92	84	42445	4.776 ug/L	96
17) Methyl tert-butyl Ether	5.43	73	41951	4.334 ug/L #	90
18) trans-1,2-Dichloroethene	5.43	96	38456	5.010 ug/L	95
19) 1,1-Dichloroethane	6.22	63	59557	4.940 ug/L	99
21) 2-Butanone	7.19	43	17763m	9.106 ug/L	
22) cis-1,2-Dichloroethene	7.18	96	39350	4.981 ug/L	93
23) Bromochloromethane	7.51	128	19038	4.986 ug/L	93
25) Chloroform	7.68	83	64278	4.904 ug/L	100
27) 1,2-Dichloroethane	8.40	62	38763	4.680 ug/L	98
30) Cyclohexane	7.96	56	52798	4.629 ug/L	99
31) 1,1,1-Trichloroethane	7.88	97	55844	4.654 ug/L	99
32) Carbon tetrachloride	8.07	117	52543	4.471 ug/L	99
34) Benzene	8.33	78	142926	5.075 ug/L	100
35) Trichloroethene	9.10	95	39786	4.902 ug/L	98
36) Methylcyclohexane	9.34	83	64525	4.693 ug/L	98
40) 1,2-Dichloropropane	9.37	63	32620	5.012 ug/L	100
41) Bromodichloromethane	9.65	83	43353	4.540 ug/L	99
42) cis-1,3-Dichloropropene	10.07	75	47389	4.312 ug/L	99
43) 4-Methyl-2-pentanone	10.21	43	30933	7.776 ug/L	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) Toluene	10.39	91	156898	4.971	ug/L	97
45) trans-1,3-Dichloropropene	10.61	75	38461	4.057	ug/L	96
46) 1,1,2-Trichloroethane	10.79	97	26221	4.834	ug/L	94
47) Tetrachloroethene	10.87	164	36879	5.036	ug/L	97
49) 2-Hexanone	10.97	43	20089	7.960	ug/L	99
50) Dibromochloromethane	11.13	129	30902	4.395	ug/L	98
51) 1,2-Dibromoethane	11.24	107	25250	4.659	ug/L	89
52) Chlorobenzene	11.66	112	104033	4.912	ug/L	100
53) Ethylbenzene	11.73	91	174799	4.891	ug/L	98
54) m,p-Xylene	11.84	106	64989	4.632	ug/L	94
55) o-xylene	12.17	106	64082	4.775	ug/L	100
56) Styrene	12.18	104	104062	4.687	ug/L	98
57) Isopropylbenzene	12.47	105	170827	4.654	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	12.72	83	28483	4.707	ug/L	96
59) 1,2,3-Trichloropropane	12.77	75	20773	4.647	ug/L	99
62) Bromoform	12.35	173	17051	4.017	ug/L	97
63) 1,3-Dichlorobenzene	13.50	146	85056	5.010	ug/L	95
64) 1,4-Dichlorobenzene	13.58	146	83322	5.027	ug/L	100
65) 1,2-Dichlorobenzene	13.87	146	74696	4.943	ug/L	98
66) 1,2-Dibromo-3-chloropropan	14.49	75	4381	4.204	ug/L	97
67) 1,3,5-Trichlorobenzene	14.63	180	60105	4.885	ug/L	98
68) 1,2,4-trichlorobenzene	15.13	180	49395	4.954	ug/L	100
69) Naphthalene	15.37	128	73902	4.236	ug/L	99
70) 1,2,3-Trichlorobenzene	15.55	180	41929	4.890	ug/L	99

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

