

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW062920\
 Data File : VW015752.D
 Acq On : 29 Jun 2020 10:07
 Operator : SY/VA
 Sample : VSTD00505
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD00505

Quant Time: Jun 29 11:09:45 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM062920S.M
 Quant Title : VOC Analysis
 QLast Update : Mon Jun 29 11:07:30 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	354466	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	316431	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	148178	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	29286	9.02	ug/L	0.00
7) Chloroethane-d5	2.89	69	23247	7.20	ug/L	0.00
10) 1,1-Dichloroethene-d2	4.02	63	52313	6.61	ug/L	0.00
20) 2-Butanone-d5	7.09	46	10730	10.12	ug/L	0.00
24) Chloroform-d	7.65	84	49482	6.04	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.31	65	28203	6.18	ug/L	0.00
29) Benzene-d6	8.27	84	96530	6.22	ug/L	0.00
33) 1,2-Dichloropropane-d6	9.27	67	28874	6.12	ug/L	0.00
37) Toluene-d8	10.33	98	89334	5.92	ug/L	0.00
38) trans-1,3-Dichloropropene-	10.58	79	11815	5.42	ug/L	0.00
39) 2-Hexanone-d5	10.93	63	7889	9.66	ug/L	0.00
48) 1,1,2,2-Tetrachloroethane-	12.69	84	20288	5.71	ug/L	0.00
61) 1,2-Dichlorobenzene-d4	13.85	152	28394	5.72	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	2.01	85	15657	5.000	ug/L 100
3) Chloromethane	2.21	50	17920	5.198	ug/L 99
5) Vinyl chloride	2.37	62	28235	5.446	ug/L 99
6) Bromomethane	2.79	94	19059	5.656	ug/L 99
8) Chloroethane	2.93	64	17748	5.624	ug/L 98
9) Trichlorofluoromethane	3.26	101	19306	5.233	ug/L 97
11) 1,1,2-Trichloro-1,2,2-trif	4.06	101	22263	5.088	ug/L 97
12) 1,1-Dichloroethene	4.04	96	21713	5.137	ug/L 94
13) Acetone	4.14	43	10069	12.281	ug/L 99
14) Carbon disulfide	4.39	76	64100	4.546	ug/L 98
15) Methyl Acetate	4.67	43	8773	4.946	ug/L 99
16) Methylene chloride	4.92	84	32416	7.451	ug/L 99
17) Methyl tert-butyl Ether	5.43	73	31830	4.746	ug/L 99
18) trans-1,2-Dichloroethene	5.43	96	22715	5.015	ug/L 96
19) 1,1-Dichloroethane	6.22	63	41620	5.108	ug/L 99
21) 2-Butanone	7.18	43	12115	9.619	ug/L 96
22) cis-1,2-Dichloroethene	7.18	96	23135	4.896	ug/L 98
23) Bromochloromethane	7.51	128	10296	5.053	ug/L 96
25) Chloroform	7.68	83	41884	5.106	ug/L 98
27) 1,2-Dichloroethane	8.40	62	28929	5.213	ug/L 98
30) Cyclohexane	7.96	56	36272	4.637	ug/L 99
31) 1,1,1-Trichloroethane	7.87	97	36506	5.157	ug/L 99
32) Carbon tetrachloride	8.07	117	32617	5.024	ug/L 98
34) Benzene	8.32	78	91211	5.154	ug/L 100
35) Trichloroethene	9.09	95	24618	5.179	ug/L 99
36) Methylcyclohexane	9.34	83	41128	4.851	ug/L 99
40) 1,2-Dichloropropane	9.37	63	22568	5.179	ug/L 99
41) Bromodichloromethane	9.65	83	27985	4.807	ug/L 99
42) cis-1,3-Dichloropropene	10.07	75	31908	4.576	ug/L 97
43) 4-Methyl-2-pentanone	10.21	43	22621	8.855	ug/L 99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) Toluene	10.39	91	97274	5.045	ug/L	100
45) trans-1,3-Dichloropropene	10.61	75	27311	4.500	ug/L	98
46) 1,1,2-Trichloroethane	10.79	97	15293	5.016	ug/L	96
47) Tetrachloroethene	10.87	164	19538	5.185	ug/L	95
49) 2-Hexanone	10.97	43	15918	9.232	ug/L	96
50) Dibromochloromethane	11.13	129	17182	4.639	ug/L	98
51) 1,2-Dibromoethane	11.24	107	14495	4.952	ug/L	95
52) Chlorobenzene	11.66	112	60514	5.004	ug/L	100
53) Ethylbenzene	11.73	91	107772	4.868	ug/L	99
54) m,p-Xylene	11.84	106	39939	4.808	ug/L	92
55) o-xylene	12.17	106	37314	4.732	ug/L	98
56) Styrene	12.18	104	62502	4.639	ug/L	97
57) Isopropylbenzene	12.47	105	105063	4.783	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	12.72	83	17591	4.984	ug/L	94
59) 1,2,3-Trichloropropane	12.77	75	13270	4.958	ug/L	98
62) Bromoform	12.35	173	8823	4.273	ug/L #	98
63) 1,3-Dichlorobenzene	13.50	146	45115	4.976	ug/L	99
64) 1,4-Dichlorobenzene	13.58	146	45104	5.077	ug/L	92
65) 1,2-Dichlorobenzene	13.87	146	39994	5.076	ug/L	98
66) 1,2-Dibromo-3-chloropropan	14.48	75	2467	4.127	ug/L #	83
67) 1,3,5-Trichlorobenzene	14.63	180	30062	4.789	ug/L	98
68) 1,2,4-trichlorobenzene	15.13	180	23734	4.694	ug/L	99
69) Naphthalene	15.37	128	38181	4.159	ug/L	100
70) 1,2,3-Trichlorobenzene	15.55	180	19465	4.525	ug/L	95

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

