

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW062920\
 Data File : VW015751.D
 Acq On : 29 Jun 2020 09:44
 Operator : SY/VA
 Sample : VSTD2.504
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD2.504

Manual Integrations
 APPROVED

MMDadoda
 6/30/2020 3:46:42 PM

Quant Time: Jun 29 11:12:56 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	8.84	114	332546	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	297668	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	140668	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	17075	5.60	ug/L	0.00
7) Chloroethane-d5	2.89	69	14430	4.76	ug/L	0.00
10) 1,1-Dichloroethene-d2	4.01	63	27973	3.77	ug/L	0.00
20) 2-Butanone-d5	7.09	46	7178	7.21	ug/L	0.00
24) Chloroform-d	7.65	84	27746	3.61	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.31	65	16522	3.86	ug/L	0.00
29) Benzene-d6	8.27	84	53445	3.66	ug/L	0.00
33) 1,2-Dichloropropane-d6	9.27	67	16066	3.62	ug/L	0.00
37) Toluene-d8	10.32	98	48179	3.39	ug/L	0.00
38) trans-1,3-Dichloropropene-	10.58	79	6567	3.20	ug/L	0.00
39) 2-Hexanone-d5	10.93	63	4918	6.40	ug/L	0.00
48) 1,1,2,2-Tetrachloroethane-	12.69	84	12254	3.67	ug/L	0.00
61) 1,2-Dichlorobenzene-d4	13.85	152	16159	3.43	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	2.01	85	6993m	2.380	ug/L
3) Chloromethane	2.21	50	9124	2.821	ug/L
5) Vinyl chloride	2.36	62	11804	2.427	ug/L
6) Bromomethane	2.79	94	8109	2.565	ug/L
8) Chloroethane	2.93	64	7230	2.442	ug/L
9) Trichlorofluoromethane	3.27	101	7166	2.070	ug/L
11) 1,1,2-Trichloro-1,2,2-trif	4.06	101	8968m	2.185	ug/L
12) 1,1-Dichloroethene	4.04	96	8467	2.135	ug/L
13) Acetone	4.14	43	5802	7.543	ug/L
14) Carbon disulfide	4.38	76	26453	2.000	ug/L
15) Methyl Acetate	4.68	43	4206	2.528	ug/L
16) Methylene chloride	4.92	84	14872	3.644	ug/L
17) Methyl tert-butyl Ether	5.43	73	13573	2.157	ug/L
18) trans-1,2-Dichloroethene	5.43	96	8919	2.099	ug/L
19) 1,1-Dichloroethane	6.21	63	16633	2.176	ug/L
21) 2-Butanone	7.18	43	6088	5.152	ug/L
22) cis-1,2-Dichloroethene	7.17	96	8954	2.020	ug/L
23) Bromochloromethane	7.52	128	4024	2.105	ug/L
25) Chloroform	7.68	83	16241	2.110	ug/L
27) 1,2-Dichloroethane	8.40	62	11755	2.258	ug/L
30) Cyclohexane	7.95	56	14256	1.937	ug/L
31) 1,1,1-Trichloroethane	7.88	97	14431	2.167	ug/L
32) Carbon tetrachloride	8.07	117	12690	2.078	ug/L
34) Benzene	8.32	78	36461	2.190	ug/L
35) Trichloroethene	9.09	95	9777	2.187	ug/L
36) Methylcyclohexane	9.34	83	15871	1.990	ug/L
40) 1,2-Dichloropropane	9.37	63	8880	2.166	ug/L
41) Bromodichloromethane	9.65	83	10883	1.987	ug/L
42) cis-1,3-Dichloropropene	10.07	75	12874	1.962	ug/L
43) 4-Methyl-2-pentanone	10.21	43	10661	4.437	ug/L

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) Toluene	10.39	91	36774	2.028	ug/L	99
45) trans-1,3-Dichloropropene	10.61	75	10731	1.880	ug/L	96
46) 1,1,2-Trichloroethane	10.79	97	6398	2.231	ug/L	95
47) Tetrachloroethene	10.87	164	7798	2.200	ug/L	94
49) 2-Hexanone	10.98	43	7282	4.490	ug/L	95
50) Dibromochloromethane	11.13	129	7047	2.022	ug/L	97
51) 1,2-Dibromoethane	11.24	107	6252	2.271	ug/L	99
52) Chlorobenzene	11.66	112	24167	2.124	ug/L	97
53) Ethylbenzene	11.73	91	40690	1.954	ug/L	97
54) m,p-Xylene	11.84	106	14792	1.893	ug/L	94
55) o-xylene	12.17	106	14186	1.913	ug/L	95
56) Styrene	12.18	104	22938	1.810	ug/L	99
57) Isopropylbenzene	12.46	105	38396	1.858	ug/L	100
58) 1,1,2,2-Tetrachloroethane	12.71	83	7621	2.295	ug/L #	92
59) 1,2,3-Trichloropropane	12.77	75	6029	2.395	ug/L	100
62) Bromoform	12.35	173	3562	1.817	ug/L #	97
63) 1,3-Dichlorobenzene	13.50	146	17792	2.067	ug/L	99
64) 1,4-Dichlorobenzene	13.58	146	18213	2.159	ug/L	97
65) 1,2-Dichlorobenzene	13.87	146	15287	2.044	ug/L	97
66) 1,2-Dibromo-3-chloropropan	14.49	75	1214	2.139	ug/L	91
67) 1,3,5-Trichlorobenzene	14.63	180	11720	1.967	ug/L	97
68) 1,2,4-trichlorobenzene	15.13	180	9065	1.889	ug/L	100
69) Naphthalene	15.37	128	15986	1.834	ug/L	99
70) 1,2,3-Trichlorobenzene	15.56	180	8028	1.966	ug/L	97

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

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