

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW111820\
 Data File : VW017321.D
 Acq On : 18 Nov 2020 11:45
 Operator : SY/VA
 Sample : VSTD00506
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD00506

Manual Integrations
 APPROVED

MMDadoda
 11/20/2020 12:26:12 PM

Quant Time: Nov 18 12:57:45 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM111820S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Nov 18 12:44:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	405206	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	370350	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	188507	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	33719	6.69	ug/L	0.00
7) Chloroethane-d5	2.90	69	25284	6.42	ug/L	0.00
10) 1,1-Dichloroethene-d2	4.03	63	54563	5.98	ug/L	0.00
20) 2-Butanone-d5	7.09	46	9187	8.60	ug/L	0.00
24) Chloroform-d	7.65	84	52548	5.58	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.31	65	24808	5.36	ug/L	0.00
29) Benzene-d6	8.28	84	105437	5.63	ug/L	0.00
33) 1,2-Dichloropropane-d6	9.28	67	27457	5.34	ug/L	0.00
37) Toluene-d8	10.33	98	96195	5.43	ug/L	0.00
38) trans-1,3-Dichloropropene-	10.59	79	11126	4.86	ug/L	0.00
39) 2-Hexanone-d5	10.93	63	5957	7.08	ug/L	0.00
48) 1,1,2,2-Tetrachloroethane-	12.69	84	19501	4.50	ug/L	0.00
61) 1,2-Dichlorobenzene-d4	13.85	152	34139	5.28	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	2.01	85	18449	4.656 ug/L	100
3) Chloromethane	2.21	50	21453	5.733 ug/L	98
5) Vinyl chloride	2.37	62	31436	5.734 ug/L	94
6) Bromomethane	2.78	94	23247	6.053 ug/L	100
8) Chloroethane	2.93	64	19072	5.732 ug/L	96
9) Trichlorofluoromethane	3.27	101	26639	5.922 ug/L	99
11) 1,1,2-Trichloro-1,2,2-trif	4.08	101	29035m	5.577 ug/L	
12) 1,1-Dichloroethene	4.04	96	25946	5.171 ug/L #	77
13) Acetone	4.12	43	7130	9.861 ug/L	77
14) Carbon disulfide	4.38	76	76978	5.518 ug/L	97
15) Methyl Acetate	4.68	43	7056	3.999 ug/L #	78
16) Methylene chloride	4.93	84	49875	8.924 ug/L	96
17) Methyl tert-butyl Ether	5.42	73	30203	5.030 ug/L #	91
18) trans-1,2-Dichloroethene	5.43	96	27865	5.321 ug/L	96
19) 1,1-Dichloroethane	6.22	63	43575	5.314 ug/L	97
21) 2-Butanone	7.18	43	10936	9.502 ug/L	93
22) cis-1,2-Dichloroethene	7.18	96	28308	5.181 ug/L	98
23) Bromochloromethane	7.52	128	13175	5.081 ug/L	95
25) Chloroform	7.68	83	48709	5.436 ug/L	99
27) 1,2-Dichloroethane	8.40	62	27719	5.219 ug/L	97
30) Cyclohexane	7.96	56	35551	5.096 ug/L	100
31) 1,1,1-Trichloroethane	7.87	97	43044	5.594 ug/L	98
32) Carbon tetrachloride	8.07	117	41150	5.550 ug/L	96
34) Benzene	8.33	78	104703	5.369 ug/L	100
35) Trichloroethene	9.10	95	30351	5.519 ug/L	97
36) Methylcyclohexane	9.34	83	47284	5.344 ug/L	99
40) 1,2-Dichloropropane	9.37	63	23307	5.172 ug/L	98
41) Bromodichloromethane	9.65	83	32028	5.131 ug/L	98
42) cis-1,3-Dichloropropene	10.08	75	33466	4.701 ug/L	97
43) 4-Methyl-2-pentanone	10.21	43	19213	7.288 ug/L	100

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44) Toluene	10.39	91	114806	5.347	ug/L	98
45) trans-1,3-Dichloropropene	10.61	75	27665	4.564	ug/L	98
46) 1,1,2-Trichloroethane	10.79	97	18059	4.757	ug/L	96
47) Tetrachloroethene	10.87	164	26593	5.349	ug/L	98
49) 2-Hexanone	10.98	43	12634	7.959	ug/L	94
50) Dibromochloromethane	11.13	129	21798	4.657	ug/L	93
51) 1,2-Dibromoethane	11.24	107	16939	4.607	ug/L	96
52) Chlorobenzene	11.66	112	78011	5.393	ug/L	98
53) Ethylbenzene	11.73	91	127637	5.299	ug/L	96
54) m,p-Xylene	11.84	106	49210	5.260	ug/L	98
55) o-xylene	12.16	106	44958	5.080	ug/L	95
56) Styrene	12.18	104	73167	4.942	ug/L	99
57) Isopropylbenzene	12.47	105	126516	5.249	ug/L	99
58) 1,1,2,2-Tetrachloroethane	12.72	83	19116	4.445	ug/L	99
59) 1,2,3-Trichloropropane	12.77	75	13591	4.407	ug/L	96
62) Bromoform	12.35	173	11703	4.265	ug/L	99
63) 1,3-Dichlorobenzene	13.50	146	60336	5.221	ug/L	94
64) 1,4-Dichlorobenzene	13.58	146	59642	5.156	ug/L	94
65) 1,2-Dichlorobenzene	13.87	146	53362	5.211	ug/L	96
66) 1,2-Dibromo-3-chloropropan	14.48	75	2650	4.068	ug/L #	74
67) 1,3,5-Trichlorobenzene	14.63	180	43166	5.093	ug/L	99
68) 1,2,4-trichlorobenzene	15.13	180	30896	4.642	ug/L	99
69) Naphthalene	15.36	128	37139	3.207	ug/L	99
70) 1,2,3-Trichlorobenzene	15.56	180	27354	4.562	ug/L	94

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

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