

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW052620\
 Data File : VW015465.D
 Acq On : 26 May 2020 10:30
 Operator : SY/VA
 Sample : VSTD00504
 Misc : 5.00G/10.0mL/MSVOA W/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD00504

Manual Integrations
 APPROVED

MMDadoda
 5/27/2020 5:19:20 PM

Quant Time: May 26 12:03:23 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM052620S.M
 Quant Title : VOC Analysis
 QLast Update : Tue May 26 11:56:35 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	369673	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	332194	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	158346	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	17634	3.81	ug/L	0.00
7) Chloroethane-d5	2.90	69	17442	3.91	ug/L	0.00
10) 1,1-Dichloroethene-d2	4.02	63	42967	4.57	ug/L	0.00
20) 2-Butanone-d5	7.08	46	10857	8.79	ug/L	0.00
24) Chloroform-d	7.65	84	44131	4.73	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.31	65	24370	4.71	ug/L	0.00
29) Benzene-d6	8.27	84	85393	4.70	ug/L	0.00
33) 1,2-Dichloropropane-d6	9.27	67	25337	4.60	ug/L	0.00
37) Toluene-d8	10.33	98	80812	4.62	ug/L	0.00
38) trans-1,3-Dichloropropene-	10.58	79	11254	4.49	ug/L	0.00
39) 2-Hexanone-d5	10.93	63	7976	7.84	ug/L	0.00
48) 1,1,2,2-Tetrachloroethane-	12.69	84	18212	4.39	ug/L	0.00
61) 1,2-Dichlorobenzene-d4	13.85	152	27711	4.99	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	2.02	85	15138	4.666 ug/L	94
3) Chloromethane	2.22	50	18398	5.300 ug/L	97
5) Vinyl chloride	2.37	62	28658	5.313 ug/L	98
6) Bromomethane	2.79	94	18852	5.080 ug/L	100
8) Chloroethane	2.93	64	16725	4.639 ug/L	98
9) Trichlorofluoromethane	3.26	101	18548	4.717 ug/L	100
11) 1,1,2-Trichloro-1,2,2-trif	4.07	101	24555m	5.605 ug/L	
12) 1,1-Dichloroethene	4.04	96	22979	5.182 ug/L	95
13) Acetone	4.12	43	8126	8.686 ug/L	98
14) Carbon disulfide	4.38	76	78340	5.688 ug/L	99
15) Methyl Acetate	4.68	43	9248m	4.520 ug/L	
16) Methylene chloride	4.92	84	23748	4.486 ug/L	96
17) Methyl tert-butyl Ether	5.43	73	36475	5.060 ug/L #	89
18) trans-1,2-Dichloroethene	5.43	96	24769	5.183 ug/L	98
19) 1,1-Dichloroethane	6.23	63	44055	4.895 ug/L	98
21) 2-Butanone	7.18	43	13020	9.257 ug/L #	74
22) cis-1,2-Dichloroethene	7.18	96	25092	4.872 ug/L	97
23) Bromochloromethane	7.52	128	10756	5.011 ug/L	96
25) Chloroform	7.68	83	44631	5.016 ug/L	99
27) 1,2-Dichloroethane	8.40	62	29546	4.880 ug/L	99
30) Cyclohexane	7.96	56	42781	4.923 ug/L	99
31) 1,1,1-Trichloroethane	7.88	97	39365	5.280 ug/L	99
32) Carbon tetrachloride	8.07	117	35444	5.224 ug/L	99
34) Benzene	8.32	78	98418	5.064 ug/L	100
35) Trichloroethene	9.10	95	26477	5.084 ug/L	97
36) Methylcyclohexane	9.34	83	46148	4.990 ug/L	99
40) 1,2-Dichloropropane	9.37	63	23942	4.929 ug/L	100
41) Bromodichloromethane	9.65	83	31217	4.869 ug/L	99
42) cis-1,3-Dichloropropene	10.07	75	36595	4.666 ug/L	97
43) 4-Methyl-2-pentanone	10.21	43	26185	8.047 ug/L	97

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44) Toluene	10.39	91	104923	4.940	ug/L	97
45) trans-1,3-Dichloropropene	10.61	75	31331	4.584	ug/L	97
46) 1,1,2-Trichloroethane	10.79	97	16074	4.721	ug/L	98
47) Tetrachloroethene	10.87	164	20351	5.209	ug/L	95
49) 2-Hexanone	10.97	43	17223	8.400	ug/L	97
50) Dibromochloromethane	11.13	129	19546	4.745	ug/L	99
51) 1,2-Dibromoethane	11.24	107	15296	4.707	ug/L	100
52) Chlorobenzene	11.66	112	66078	4.931	ug/L	97
53) Ethylbenzene	11.73	91	119538	4.825	ug/L	99
54) m,p-Xylene	11.84	106	44689	4.829	ug/L	97
55) o-xylene	12.17	106	41265	4.635	ug/L	91
56) Styrene	12.18	104	69357	4.563	ug/L	98
57) Isopropylbenzene	12.46	105	116911	4.754	ug/L	100
58) 1,1,2,2-Tetrachloroethane	12.72	83	18052	4.457	ug/L	96
59) 1,2,3-Trichloropropane	12.77	75	14120	4.590	ug/L	98
62) Bromoform	12.35	173	10563	4.517	ug/L	99
63) 1,3-Dichlorobenzene	13.50	146	50140	4.980	ug/L	98
64) 1,4-Dichlorobenzene	13.58	146	48654	4.854	ug/L	98
65) 1,2-Dichlorobenzene	13.87	146	43463	4.907	ug/L	98
66) 1,2-Dibromo-3-chloropropan	14.49	75	3015	4.223	ug/L	92
67) 1,3,5-Trichlorobenzene	14.63	180	34863	5.036	ug/L	99
68) 1,2,4-trichlorobenzene	15.13	180	27264	4.769	ug/L	100
69) Naphthalene	15.36	128	46748	4.358	ug/L	99
70) 1,2,3-Trichlorobenzene	15.55	180	23302	4.731	ug/L	98

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

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