

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW120718\
 Data File : VW007307.D
 Acq On : 07 Dec 2018 14:06
 Operator : SY/AP
 Sample : VSTD00593
 Misc : 5.00G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleID :
 VSTD00593

Manual Integrations
 APPROVED

MMDadoda
 12/11/2018 4:08:34 PM

Quant Time: Dec 07 15:26:25 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM120718S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Dec 07 15:11:04 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	151401	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	126194	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	66950	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	4550	3.53	ug/L	0.00
7) Chloroethane-d5	2.89	69	4106	4.45	ug/L	0.00
10) 1,1-Dichloroethene-d2	4.02	63	16483	4.91	ug/L	0.00
20) 2-Butanone-d5	7.08	46	5823	11.16	ug/L	0.00
24) Chloroform-d	7.65	84	18375	5.79	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.31	65	10256	5.59	ug/L	0.00
29) Benzene-d6	8.27	84	35815	5.97	ug/L	0.00
33) 1,2-Dichloropropane-d6	9.27	67	10227	5.95	ug/L	0.00
37) Toluene-d8	10.32	98	33817	5.33	ug/L	0.00
38) trans-1,3-Dichloropropene-	10.59	79	5247	6.25	ug/L	0.00
39) 2-Hexanone-d5	10.93	63	4782	11.88	ug/L	0.00
48) 1,1,2,2-Tetrachloroethane-	12.69	84	9536	6.09	ug/L	0.00
61) 1,2-Dichlorobenzene-d4	13.86	152	11599	4.62	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	2.01	85	7733	2.795 ug/L	91
3) Chloromethane	2.22	50	6797	3.517 ug/L	96
5) Vinyl chloride	2.37	62	5858	3.386 ug/L	96
6) Bromomethane	2.78	94	4043	4.074 ug/L	91
8) Chloroethane	2.93	64	3610	3.872 ug/L	90
9) Trichlorofluoromethane	3.25	101	6877	2.122 ug/L	99
11) 1,1,2-Trichloro-1,2,2-trif	4.06	101	9283m	4.853 ug/L	
12) 1,1-Dichloroethene	4.03	96	8534	5.063 ug/L	96
13) Acetone	4.12	43	6637	18.162 ug/L	99
14) Carbon disulfide	4.37	76	24809	4.159 ug/L	97
15) Methyl Acetate	4.67	43	5512	6.083 ug/L #	98
16) Methylene chloride	4.92	84	13890	5.739 ug/L	90
17) Methyl tert-butyl Ether	5.42	73	14158	3.268 ug/L	100
18) trans-1,2-Dichloroethene	5.42	96	9291	4.986 ug/L	97
19) 1,1-Dichloroethane	6.21	63	15673	5.084 ug/L	99
21) 2-Butanone	7.18	43	7011	12.498 ug/L	99
22) cis-1,2-Dichloroethene	7.16	96	10358	5.198 ug/L	97
23) Bromochloromethane	7.52	128	4631	5.341 ug/L #	91
25) Chloroform	7.67	83	17098	5.113 ug/L	99
27) 1,2-Dichloroethane	8.40	62	12076	5.443 ug/L	100
30) Cyclohexane	7.96	56	15020	5.461 ug/L	99
31) 1,1,1-Trichloroethane	7.87	97	14511	5.553 ug/L	98
32) Carbon tetrachloride	8.07	117	13813	5.824 ug/L	97
34) Benzene	8.32	78	36271	5.547 ug/L	100
35) Trichloroethene	9.09	95	10333	5.828 ug/L	99
36) Methylcyclohexane	9.34	83	18005	5.469 ug/L	99
40) 1,2-Dichloropropane	9.37	63	8710	5.553 ug/L	100
41) Bromodichloromethane	9.64	83	12293	5.986 ug/L #	99
42) cis-1,3-Dichloropropene	10.07	75	14465	5.806 ug/L	97
43) 4-Methyl-2-pentanone	10.21	43	13490	11.623 ug/L	99

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44) Toluene	10.39	91	38015	4.852	ug/L	87
45) trans-1,3-Dichloropropene	10.60	75	12827	5.860	ug/L	99
46) 1,1,2-Trichloroethane	10.79	97	7018	5.682	ug/L	96
47) Tetrachloroethene	10.87	164	7813	5.045	ug/L	93
49) 2-Hexanone	10.97	43	9420	11.990	ug/L	95
50) Dibromochloromethane	11.13	129	8319	5.529	ug/L	88
51) 1,2-Dibromoethane	11.24	107	7612	6.081	ug/L #	90
52) Chlorobenzene	11.66	112	26309	5.093	ug/L	95
53) Ethylbenzene	11.73	91	42368	4.664	ug/L	91
54) m,p-Xylene	11.85	106	16802	4.740	ug/L	95
55) o-xylene	12.17	106	15807	4.809	ug/L	97
56) Styrene	12.18	104	26692	4.802	ug/L	92
57) Isopropylbenzene	12.47	105	45057	4.929	ug/L	98
58) 1,1,2,2-Tetrachloroethane	12.71	83	8783	5.595	ug/L	86
59) 1,2,3-Trichloropropane	12.77	75	7118	5.802	ug/L	99
62) Bromoform	12.35	173	5172	5.642	ug/L	100
63) 1,3-Dichlorobenzene	13.51	146	21035	4.775	ug/L	90
64) 1,4-Dichlorobenzene	13.58	146	20075	4.530	ug/L #	82
65) 1,2-Dichlorobenzene	13.88	146	18281	4.535	ug/L	90
66) 1,2-Dibromo-3-chloropropan	14.49	75	1782	5.451	ug/L	92
67) 1,3,5-Trichlorobenzene	14.63	180	14702	4.443	ug/L	99
68) 1,2,4-trichlorobenzene	15.14	180	12709	4.518	ug/L	95
69) Naphthalene	15.37	128	30439	5.082	ug/L	99
70) 1,2,3-Trichlorobenzene	15.56	180	11312	4.609	ug/L	99

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

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