

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW091418\
 Data File : VW005354.D
 Acq On : 13 Sep 2018 16:13
 Operator : SY/AP
 Sample : VSTD02583
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02583

Quant Time: Sep 13 16:35:09 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM091318S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Sep 13 14:16:34 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	273661	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.64	117	267216	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	138978	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	75629	17.65	ug/L	0.00
7) Chloroethane-d5	2.88	69	55833	17.58	ug/L	0.00
10) 1,1-Dichloroethene-d2	4.03	63	140002	23.62	ug/L	0.00
20) 2-Butanone-d5	7.09	46	68274	59.50	ug/L	0.00
24) Chloroform-d	7.66	84	136361	22.67	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.31	65	85296	25.54	ug/L	0.00
29) Benzene-d6	8.28	84	280384	20.87	ug/L	0.00
33) 1,2-Dichloropropane-d6	9.28	67	79448	20.26	ug/L	0.00
37) Toluene-d8	10.33	98	295071	21.95	ug/L	0.00
38) trans-1,3-Dichloropropene-	10.58	79	40730	23.58	ug/L	0.00
39) 2-Hexanone-d5	10.93	63	55175	57.00	ug/L	0.00
48) 1,1,2,2-Tetrachloroethane-	12.70	84	86715	22.42	ug/L	0.00
61) 1,2-Dichlorobenzene-d4	13.86	152	112132	20.98	ug/L	0.00

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	150689	37.72	ug/L	99
3) Chloromethane	2.21	50	125911	28.62	ug/L	100
5) Vinyl chloride	2.35	62	124866	28.13	ug/L	97
6) Bromomethane	2.77	94	63333	25.66	ug/L	99
8) Chloroethane	2.92	64	63297	22.58	ug/L	97
9) Trichlorofluoromethane	3.26	101	163470	34.17	ug/L	99
11) 1,1,2-Trichloro-1,2,2-trif	4.07	101	90089	27.61	ug/L	96
12) 1,1-Dichloroethene	4.04	96	74082	26.71	ug/L	84
13) Acetone	4.13	43	50255	60.55	ug/L	89
14) Carbon disulfide	4.38	76	298053	30.39	ug/L	100
15) Methyl Acetate	4.68	43	62256	32.98	ug/L	92
16) Methylene chloride	4.92	84	101545	21.54	ug/L	88
17) Methyl tert-butyl Ether	5.43	73	198593	28.74	ug/L	96
18) trans-1,2-Dichloroethene	5.43	96	82229	26.31	ug/L	88
19) 1,1-Dichloroethane	6.22	63	148190	28.10	ug/L	98
21) 2-Butanone	7.18	43	84412	70.22	ug/L	90
22) cis-1,2-Dichloroethene	7.17	96	87193	26.36	ug/L	91
23) Bromochloromethane	7.52	128	40547	25.32	ug/L	88
25) Chloroform	7.68	83	155004	27.98	ug/L	99
27) 1,2-Dichloroethane	8.41	62	120634	33.04	ug/L	# 92
30) Cyclohexane	7.96	56	154536	32.40	ug/L	96
31) 1,1,1-Trichloroethane	7.88	97	152912	32.40	ug/L	97
32) Carbon tetrachloride	8.07	117	141117	33.01	ug/L	99
34) Benzene	8.33	78	367659	27.63	ug/L	100
35) Trichloroethene	9.10	95	97601	28.75	ug/L	94
36) Methylcyclohexane	9.34	83	172265	30.08	ug/L	94
40) 1,2-Dichloropropane	9.38	63	87681	26.94	ug/L	99
41) Bromodichloromethane	9.65	83	114060	29.11	ug/L	99
42) cis-1,3-Dichloropropene	10.08	75	130290	27.30	ug/L	99
43) 4-Methyl-2-pentanone	10.21	43	182534	75.46	ug/L	93

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44) Toluene	10.40	91	433615	28.60	ug/L	98
45) trans-1,3-Dichloropropene	10.61	75	123665	29.35	ug/L	98
46) 1,1,2-Trichloroethane	10.79	97	69912	25.70	ug/L	97
47) Tetrachloroethene	10.87	164	87769	27.38	ug/L	98
49) 2-Hexanone	10.98	43	142333	81.27	ug/L #	94
50) Dibromochloromethane	11.13	129	83405	27.54	ug/L	98
51) 1,2-Dibromoethane	11.24	107	68021	26.42	ug/L	98
52) Chlorobenzene	11.66	112	268233	25.82	ug/L	99
53) Ethylbenzene	11.74	91	493872	28.93	ug/L	96
54) m,p-Xylene	11.85	106	185973	27.48	ug/L	91
55) o-xylene	12.17	106	175459	27.91	ug/L	93
56) Styrene	12.19	104	304008	28.05	ug/L	93
57) Isopropylbenzene	12.47	105	493374	29.58	ug/L	97
58) 1,1,2,2-Tetrachloroethane	12.72	83	98494	27.27	ug/L	97
59) 1,2,3-Trichloropropane	12.77	75	85175	30.16	ug/L	100
62) Bromoform	12.35	173	58310	29.18	ug/L	97
63) 1,3-Dichlorobenzene	13.51	146	215192	26.42	ug/L	99
64) 1,4-Dichlorobenzene	13.58	146	222601	25.76	ug/L	97
65) 1,2-Dichlorobenzene	13.88	146	207468	26.12	ug/L	99
66) 1,2-Dibromo-3-chloropropan	14.49	75	23084	35.88	ug/L	96
67) 1,3,5-Trichlorobenzene	14.64	180	169845	25.68	ug/L	99
68) 1,2,4-trichlorobenzene	15.15	180	139823	26.18	ug/L	99
69) Naphthalene	15.38	128	327998	30.48	ug/L	99
70) 1,2,3-Trichlorobenzene	15.57	180	137019	27.29	ug/L	99

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

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