

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW091918\
 Data File : VW005521.D
 Acq On : 19 Sep 2018 17:59
 Operator : SY/AP
 Sample : VSTD2.596
 Misc : 5.00G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD2.596

Manual Integrations
 APPROVED

apatel
 9/21/2018 10:56:16 AM

Quant Time: Sep 20 08:12:57 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM091918S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Sep 19 17:31:20 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	392048	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	366181	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	184397	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	10564	2.53	ug/L	0.00
7) Chloroethane-d5	2.90	69	9921	2.65	ug/L	0.00
10) 1,1-Dichloroethene-d2	4.02	63	26553	2.56	ug/L	0.00
20) 2-Butanone-d5	7.08	46	8455	4.79	ug/L	0.00
24) Chloroform-d	7.65	84	23403	2.41	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.31	65	14063	2.43	ug/L	0.00
29) Benzene-d6	8.27	84	47933	2.46	ug/L	0.00
33) 1,2-Dichloropropane-d6	9.28	67	14598	2.44	ug/L	0.00
37) Toluene-d8	10.33	98	42141	2.32	ug/L	0.00
38) trans-1,3-Dichloropropene-	10.58	79	6358	2.33	ug/L	0.00
39) 2-Hexanone-d5	10.93	63	5779	4.20	ug/L	0.00
48) 1,1,2,2-Tetrachloroethane-	12.69	84	13494	2.56	ug/L	0.00
61) 1,2-Dichlorobenzene-d4	13.86	152	16574	2.57	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	2.01	85	13927m	2.867 ug/L	
3) Chloromethane	2.21	50	15164	2.768 ug/L	99
5) Vinyl chloride	2.37	62	12048	2.647 ug/L	97
6) Bromomethane	2.78	94	9222	2.870 ug/L	96
8) Chloroethane	2.93	64	8874	2.744 ug/L	93
9) Trichlorofluoromethane	3.26	101	11813	2.464 ug/L	98
11) 1,1,2-Trichloro-1,2,2-trif	4.06	101	13248	2.639 ug/L	95
12) 1,1-Dichloroethene	4.04	96	12341	2.688 ug/L	75
13) Acetone	4.13	43	13947	8.497 ug/L	96
14) Carbon disulfide	4.37	76	39370	2.793 ug/L	97
15) Methyl Acetate	4.67	43	9132	2.921 ug/L	# 89
16) Methylene chloride	4.91	84	25586	4.219 ug/L	92
17) Methyl tert-butyl Ether	5.43	73	19621	2.593 ug/L	# 80
18) trans-1,2-Dichloroethene	5.42	96	13150	2.634 ug/L	94
19) 1,1-Dichloroethane	6.21	63	25194	2.596 ug/L	97
21) 2-Butanone	7.18	43	14945	6.769 ug/L	91
22) cis-1,2-Dichloroethene	7.17	96	13710	2.473 ug/L	89
23) Bromochloromethane	7.51	128	6412	2.641 ug/L	91
25) Chloroform	7.68	83	25299	2.586 ug/L	99
27) 1,2-Dichloroethane	8.40	62	19254	2.725 ug/L	98
30) Cyclohexane	7.96	56	22355	2.447 ug/L	96
31) 1,1,1-Trichloroethane	7.87	97	21084	2.602 ug/L	99
32) Carbon tetrachloride	8.07	117	19721	2.564 ug/L	98
34) Benzene	8.33	78	56406	2.635 ug/L	100
35) Trichloroethene	9.09	95	14796	2.682 ug/L	98
36) Methylcyclohexane	9.34	83	23982	2.387 ug/L	98
40) 1,2-Dichloropropane	9.37	63	14482	2.576 ug/L	98
41) Bromodichloromethane	9.65	83	17361	2.529 ug/L	97
42) cis-1,3-Dichloropropene	10.08	75	19372	2.337 ug/L	96
43) 4-Methyl-2-pentanone	10.21	43	21295	4.858 ug/L	99

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44) Toluene	10.39	91	54486	2.425	ug/L	96
45) trans-1,3-Dichloropropene	10.61	75	18398	2.459	ug/L	98
46) 1,1,2-Trichloroethane	10.79	97	10844	2.631	ug/L	96
47) Tetrachloroethene	10.87	164	12230	2.701	ug/L	94
49) 2-Hexanone	10.98	43	14971	4.752	ug/L	96
50) Dibromochloromethane	11.13	129	12202	2.516	ug/L	96
51) 1,2-Dibromoethane	11.24	107	10182	2.602	ug/L #	96
52) Chlorobenzene	11.66	112	38237	2.617	ug/L	97
53) Ethylbenzene	11.74	91	64515	2.469	ug/L	100
54) m,p-Xylene	11.85	106	23124	2.408	ug/L	99
55) o-xylene	12.17	106	21269	2.329	ug/L	89
56) Styrene	12.19	104	35925	2.276	ug/L	99
57) Isopropylbenzene	12.47	105	58230	2.274	ug/L	99
58) 1,1,2,2-Tetrachloroethane	12.72	83	14875	2.697	ug/L	97
59) 1,2,3-Trichloropropane	12.77	75	12112	2.814	ug/L	96
62) Bromoform	12.35	173	8095	2.656	ug/L	97
63) 1,3-Dichlorobenzene	13.51	146	30174	2.632	ug/L	97
64) 1,4-Dichlorobenzene	13.58	146	31898	2.697	ug/L	98
65) 1,2-Dichlorobenzene	13.88	146	28910	2.692	ug/L	98
66) 1,2-Dibromo-3-chloropropan	14.49	75	3322	3.205	ug/L #	78
67) 1,3,5-Trichlorobenzene	14.63	180	24294	2.714	ug/L	98
68) 1,2,4-trichlorobenzene	15.14	180	18990	2.573	ug/L	99
69) Naphthalene	15.38	128	38701	2.526	ug/L	99
70) 1,2,3-Trichlorobenzene	15.57	180	18891	2.761	ug/L	97

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

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