

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW082218\
 Data File : VW004886.D
 Acq On : 22 Aug 2018 16:03
 Operator : SY/AP
 Sample : VSTD00582
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD00582

Manual Integrations
 APPROVED

MMDadoda
 8/23/2018 4:43:11 PM

Quant Time: Aug 22 17:03:53 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM082218S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Aug 22 17:00:09 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	619332	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	683764	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	344484	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	68250	8.86	ug/L	0.00
7) Chloroethane-d5	2.89	69	49294	7.61	ug/L	0.00
10) 1,1-Dichloroethene-d2	4.02	63	78970	5.05	ug/L	0.00
20) 2-Butanone-d5	7.10	46	22782	6.71	ug/L	0.00
24) Chloroform-d	7.66	84	75951	4.53	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.31	65	41256	4.41	ug/L	0.00
29) Benzene-d6	8.28	84	162791	4.48	ug/L	0.00
33) 1,2-Dichloropropane-d6	9.28	67	47790	4.02	ug/L	0.00
37) Toluene-d8	10.33	98	175807	5.48	ug/L	0.00
38) trans-1,3-Dichloropropene-	10.59	79	19164	3.92	ug/L	0.00
39) 2-Hexanone-d5	10.93	63	19723	6.81	ug/L	0.00
48) 1,1,2,2-Tetrachloroethane-	12.70	84	47730	3.70	ug/L	0.00
61) 1,2-Dichlorobenzene-d4	13.87	152	69530	5.37	ug/L	0.00

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	64676	10.04	ug/L	99
3) Chloromethane	2.21	50	71626	8.42	ug/L	94
5) Vinyl chloride	2.36	62	72746	6.55	ug/L	97
6) Bromomethane	2.78	94	38660	6.02	ug/L	99
8) Chloroethane	2.92	64	40262	6.05	ug/L	100
9) Trichlorofluoromethane	3.26	101	72805	14.38	ug/L	100
11) 1,1,2-Trichloro-1,2,2-trif	4.07	101	45000	5.12	ug/L	100
12) 1,1-Dichloroethene	4.05	96	37364	4.35	ug/L	88
13) Acetone	4.16	43	19749m	6.71	ug/L	
14) Carbon disulfide	4.39	76	157504	5.98	ug/L	99
15) Methyl Acetate	4.68	43	21905	3.65	ug/L #	86
16) Methylene chloride	4.93	84	69372	5.64	ug/L	97
17) Methyl tert-butyl Ether	5.44	73	75967	6.54	ug/L	99
18) trans-1,2-Dichloroethene	5.43	96	40560	4.62	ug/L	97
19) 1,1-Dichloroethane	6.23	63	74868	4.49	ug/L	98
21) 2-Butanone	7.18	43	28389	7.05	ug/L	93
22) cis-1,2-Dichloroethene	7.18	96	44067	4.60	ug/L	94
23) Bromochloromethane	7.52	128	22601	4.93	ug/L	94
25) Chloroform	7.68	83	77693	4.57	ug/L	99
27) 1,2-Dichloroethane	8.41	62	50415	4.41	ug/L	99
30) Cyclohexane	7.96	56	60158	3.72	ug/L	98
31) 1,1,1-Trichloroethane	7.88	97	66337	4.57	ug/L	99
32) Carbon tetrachloride	8.07	117	58561	4.18	ug/L	98
34) Benzene	8.33	78	183451	4.35	ug/L	100
35) Trichloroethene	9.10	95	45799	4.32	ug/L	99
36) Methylcyclohexane	9.34	83	76221	4.09	ug/L	96
40) 1,2-Dichloropropane	9.38	63	46734	4.19	ug/L #	97
41) Bromodichloromethane	9.65	83	52348	3.90	ug/L	99
42) cis-1,3-Dichloropropene	10.08	75	56864	3.72	ug/L	95
43) 4-Methyl-2-pentanone	10.22	43	56845	6.79	ug/L	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) Toluene	10.40	91	227923	5.37	ug/L	98
45) trans-1,3-Dichloropropene	10.61	75	52626	3.83	ug/L	95
46) 1,1,2-Trichloroethane	10.79	97	35338	4.07	ug/L	97
47) Tetrachloroethene	10.87	164	47676	5.68	ug/L	96
49) 2-Hexanone	10.98	43	45779	7.28	ug/L	96
50) Dibromochloromethane	11.13	129	38640	4.01	ug/L	99
51) 1,2-Dibromoethane	11.24	107	33452	4.02	ug/L	98
52) Chlorobenzene	11.66	112	159077	5.54	ug/L	98
53) Ethylbenzene	11.74	91	251513	5.28	ug/L	98
54) m,p-Xylene	11.85	106	99306	5.58	ug/L	98
55) o-xylene	12.17	106	91075	5.40	ug/L	94
56) Styrene	12.19	104	154918	5.28	ug/L	99
57) Isopropylbenzene	12.47	105	241343	5.29	ug/L	99
58) 1,1,2,2-Tetrachloroethane	12.72	83	49604	3.94	ug/L	97
59) 1,2,3-Trichloropropane	12.77	75	39160	4.16	ug/L	99
62) Bromoform	12.36	173	25129	4.01	ug/L	99
63) 1,3-Dichlorobenzene	13.51	146	119950	5.60	ug/L	91
64) 1,4-Dichlorobenzene	13.58	146	128033	5.56	ug/L	95
65) 1,2-Dichlorobenzene	13.88	146	115597	5.38	ug/L	94
66) 1,2-Dibromo-3-chloropropan	14.49	75	9323	4.23	ug/L	90
67) 1,3,5-Trichlorobenzene	14.64	180	97934	5.76	ug/L	99
68) 1,2,4-trichlorobenzene	15.15	180	75662	5.50	ug/L	99
69) Naphthalene	15.38	128	130466	4.16	ug/L	99
70) 1,2,3-Trichlorobenzene	15.57	180	73020	5.45	ug/L	99

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

