

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW083118\
 Data File : VW005041.D
 Acq On : 31 Aug 2018 13:56
 Operator : SY/AP
 Sample : VSTD2.587
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD2.587

Manual Integrations
 APPROVED

MMDadoda
 9/4/2018 1:22:01 PM

Quant Time: Aug 31 15:25:07 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM083118S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Aug 31 15:21:07 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	651979	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.64	117	666480	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	335872	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	29259	2.37	ug/L	0.00
7) Chloroethane-d5	2.89	69	20585	2.25	ug/L	0.00
10) 1,1-Dichloroethene-d2	4.02	63	37913	2.41	ug/L	0.00
20) 2-Butanone-d5	7.10	46	13781	5.49	ug/L	0.01
24) Chloroform-d	7.65	84	38264	2.64	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.31	65	21904	2.78	ug/L	0.00
29) Benzene-d6	8.28	84	85291	2.49	ug/L	0.00
33) 1,2-Dichloropropane-d6	9.28	67	25431	2.52	ug/L	0.00
37) Toluene-d8	10.33	98	79200	2.18	ug/L	0.00
38) trans-1,3-Dichloropropene-	10.58	79	10496	2.42	ug/L	0.00
39) 2-Hexanone-d5	10.93	63	9084	3.64	ug/L	0.00
48) 1,1,2,2-Tetrachloroethane-	12.70	84	24026	2.37	ug/L	0.00
61) 1,2-Dichlorobenzene-d4	13.86	152	34635	2.57	ug/L	0.00

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	25147	2.05	ug/L	99
6) Bromomethane	2.78	94	14868	2.02	ug/L	99
8) Chloroethane	2.93	64	20664	2.63	ug/L	87
9) Trichlorofluoromethane	3.26	101	29169	2.05	ug/L	98
11) 1,1,2-Trichloro-1,2,2-trif	4.06	101	20395	2.39	ug/L	98
12) 1,1-Dichloroethene	4.04	96	16511	2.18	ug/L	96
13) Acetone	4.14	43	14684	7.56	ug/L	95
15) Methyl Acetate	4.68	43	11693m	2.66	ug/L	
16) Methylene chloride	4.92	84	42095	3.33	ug/L	95
17) Methyl tert-butyl Ether	5.43	73	36974	2.26	ug/L	97
18) trans-1,2-Dichloroethene	5.44	96	18653m	2.36	ug/L	
19) 1,1-Dichloroethane	6.22	63	31994	2.22	ug/L	95
21) 2-Butanone	7.18	43	15552	5.20	ug/L	84
22) cis-1,2-Dichloroethene	7.17	96	18463	2.16	ug/L	87
23) Bromochloromethane	7.53	128	9772	2.17	ug/L	97
25) Chloroform	7.68	83	34259	2.37	ug/L	96
27) 1,2-Dichloroethane	8.40	62	22459	2.37	ug/L	94
31) 1,1,1-Trichloroethane	7.88	97	29214	2.28	ug/L	99
32) Carbon tetrachloride	8.07	117	26193	2.28	ug/L	100
34) Benzene	8.33	78	81837	2.15	ug/L	100
35) Trichloroethene	9.10	95	20609	2.18	ug/L	98
40) 1,2-Dichloropropane	9.37	63	18939	2.03	ug/L	98
41) Bromodichloromethane	9.65	83	24087	2.34	ug/L	97
42) cis-1,3-Dichloropropene	10.07	75	26052	2.01	ug/L	98
43) 4-Methyl-2-pentanone	10.22	43	26048	3.77	ug/L	96
46) 1,1,2-Trichloroethane	10.79	97	17097	2.34	ug/L	98
47) Tetrachloroethene	10.87	164	19993	2.16	ug/L	97
49) 2-Hexanone	10.98	43	16666	3.13	ug/L	96
50) Dibromochloromethane	11.13	129	17100	2.11	ug/L	92
51) 1,2-Dibromoethane	11.24	107	15015	2.10	ug/L	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
52) Chlorobenzene	11.66	112	64692	2.13	ug/L	97
58) 1,1,2,2-Tetrachloroethane	12.72	83	21453	2.06	ug/L	98
59) 1,2,3-Trichloropropane	12.77	75	17226	2.15	ug/L	95
62) Bromoform	12.35	173	11853	2.23	ug/L	99
63) 1,3-Dichlorobenzene	13.51	146	47190	2.04	ug/L	96
64) 1,4-Dichlorobenzene	13.59	146	52432	2.16	ug/L	99
65) 1,2-Dichlorobenzene	13.88	146	47913	2.16	ug/L	99
66) 1,2-Dibromo-3-chloropropan	14.49	75	4059	2.16	ug/L	97
67) 1,3,5-Trichlorobenzene	14.64	180	38390	2.07	ug/L	99

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

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