

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW122718\
 Data File : VW007957.D
 Acq On : 27 Dec 2018 08:02
 Operator : SY/AP
 Sample : VSTDCCC025
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02591

Quant Time: Dec 27 08:24:02 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM122618S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Dec 27 03:06:17 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	108805	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	100743	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	49848	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	22475	20.96	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	83.84%
7) Chloroethane-d5	2.89	69	15772	21.83	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	87.32%
10) 1,1-Dichloroethene-d2	4.01	63	62083	21.39	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	85.56%
20) 2-Butanone-d5	7.08	46	17738	38.79	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	77.58%
24) Chloroform-d	7.65	84	63785	22.04	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	88.16%
26) 1,2-Dichloroethane-d4	8.31	65	37370	21.53	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	86.12%
29) Benzene-d6	8.27	84	116163	20.56	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	82.24%
33) 1,2-Dichloropropane-d6	9.27	67	31164	20.28	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	81.12%
37) Toluene-d8	10.32	98	114310	20.77	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	83.08%
38) trans-1,3-Dichloropropene-	10.58	79	17941	20.33	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	81.32%
39) 2-Hexanone-d5	10.93	63	15449	39.30	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	78.60%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	29536	19.97	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	79.88%
61) 1,2-Dichlorobenzene-d4	13.86	152	40837	20.28	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	81.12%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	2.01	85	24012	20.024	ug/L 93
3) Chloromethane	2.21	50	19810	20.962	ug/L 96
5) Vinyl chloride	2.37	62	26353	22.417	ug/L 98
6) Bromomethane	2.78	94	15196	21.788	ug/L 96
8) Chloroethane	2.93	64	13262	22.705	ug/L 93
9) Trichlorofluoromethane	3.26	101	24990	24.617	ug/L 98
11) 1,1,2-Trichloro-1,2,2-trif	4.06	101	30632	22.302	ug/L # 88
12) 1,1-Dichloroethene	4.03	96	29767	23.667	ug/L 98
13) Acetone	4.12	43	19266	43.121	ug/L 98
14) Carbon disulfide	4.37	76	91030	22.851	ug/L 99
15) Methyl Acetate	4.67	43	14217	20.911	ug/L 98
16) Methylene chloride	4.91	84	34526	19.611	ug/L 99
17) Methyl tert-butyl Ether	5.43	73	49858	22.302	ug/L 99
18) trans-1,2-Dichloroethene	5.42	96	31100	22.795	ug/L 97
19) 1,1-Dichloroethane	6.21	63	52496	23.128	ug/L 96
21) 2-Butanone	7.17	43	21430	42.153	ug/L 99
22) cis-1,2-Dichloroethene	7.17	96	33717	23.063	ug/L 93

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	7.51	128	15173	23.052	ug/L	94
25) Chloroform	7.67	83	60755	23.767	ug/L	100
27) 1,2-Dichloroethane	8.40	62	43724	23.321	ug/L	98
30) Cyclohexane	7.95	56	48485	21.876	ug/L	99
31) 1,1,1-Trichloroethane	7.87	97	56319	23.317	ug/L	98
32) Carbon tetrachloride	8.07	117	53929	23.256	ug/L	99
34) Benzene	8.32	78	121269	22.495	ug/L	100
35) Trichloroethene	9.09	95	35286	22.529	ug/L	98
36) Methylcyclohexane	9.34	83	60545	22.542	ug/L	98
40) 1,2-Dichloropropane	9.37	63	28139	22.205	ug/L	99
41) Bromodichloromethane	9.65	83	43747	23.473	ug/L	97
42) cis-1,3-Dichloropropene	10.07	75	50176	22.683	ug/L	99
43) 4-Methyl-2-pentanone	10.21	43	40059	39.940	ug/L	97
44) Toluene	10.39	91	138871	23.025	ug/L	99
45) trans-1,3-Dichloropropene	10.60	75	46158	22.646	ug/L	95
46) 1,1,2-Trichloroethane	10.79	97	24585	22.932	ug/L	98
47) Tetrachloroethene	10.87	164	28533	22.929	ug/L	98
49) 2-Hexanone	10.97	43	31596	43.665	ug/L	95
50) Dibromochloromethane	11.13	129	31533	23.087	ug/L	94
51) 1,2-Dibromoethane	11.24	107	24933	22.786	ug/L	96
52) Chlorobenzene	11.66	112	90812	23.129	ug/L	98
53) Ethylbenzene	11.73	91	160868	23.214	ug/L	100
54) m,p-Xylene	11.84	106	60942	23.342	ug/L	94
55) o-xylene	12.16	106	56952	23.001	ug/L	99
56) Styrene	12.18	104	99512	23.711	ug/L	99
57) Isopropylbenzene	12.47	105	162164	23.120	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	12.72	83	28880	21.726	ug/L	100
59) 1,2,3-Trichloropropane	12.77	75	23463	21.944	ug/L	100
62) Bromoform	12.35	173	17595	22.390	ug/L	99
63) 1,3-Dichlorobenzene	13.50	146	72378	22.712	ug/L	97
64) 1,4-Dichlorobenzene	13.58	146	72760	22.959	ug/L	94
65) 1,2-Dichlorobenzene	13.87	146	66570	23.011	ug/L	98
66) 1,2-Dibromo-3-chloropropan	14.49	75	6083	21.327	ug/L	89
67) 1,3,5-Trichlorobenzene	14.63	180	53201	22.793	ug/L	99
68) 1,2,4-trichlorobenzene	15.14	180	44706	22.313	ug/L	99
69) Naphthalene	15.37	128	99879	22.022	ug/L	99
70) 1,2,3-Trichlorobenzene	15.56	180	40667	22.928	ug/L	99

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

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