

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW102618\
 Data File : VW006356.D
 Acq On : 25 Oct 2018 10:53
 Operator : SY/AP
 Sample : VSTDCCC025
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02506

Quant Time: Oct 26 04:01:34 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM100918S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Oct 25 07:32:16 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	345690	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	321673	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	177862	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	78674	20.18	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	80.72%
7) Chloroethane-d5	2.89	69	79359	23.65	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	94.60%
10) 1,1-Dichloroethene-d2	4.01	63	174778	23.35	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	93.40%
20) 2-Butanone-d5	7.09	46	66723	51.63	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	103.26%
24) Chloroform-d	7.65	84	197773	26.41	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	105.64%
26) 1,2-Dichloroethane-d4	8.31	65	109284	26.38	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	105.52%
29) Benzene-d6	8.27	84	375271	25.70	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	102.80%
33) 1,2-Dichloropropane-d6	9.27	67	110626	25.10	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	100.40%
37) Toluene-d8	10.32	98	373223	25.55	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	102.20%
38) trans-1,3-Dichloropropene-	10.58	79	50603	23.62	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	94.48%
39) 2-Hexanone-d5	10.93	63	57515	54.01	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	108.02%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	122114	28.49	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	113.96%
61) 1,2-Dichlorobenzene-d4	13.86	152	165540	27.15	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	108.60%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	2.01	85	89023	27.247	ug/L	99
3) Chloromethane	2.21	50	80000	24.933	ug/L	97
5) Vinyl chloride	2.37	62	124110	23.999	ug/L	97
6) Bromomethane	2.79	94	90138	22.384	ug/L	99
8) Chloroethane	2.93	64	77319	24.392	ug/L	97
9) Trichlorofluoromethane	3.26	101	108390	26.198	ug/L	100
11) 1,1,2-Trichloro-1,2,2-trif	4.06	101	108317	26.186	ug/L	99
12) 1,1-Dichloroethene	4.03	96	99123	24.975	ug/L	83
13) Acetone	4.14	43	68989	52.845	ug/L	99
14) Carbon disulfide	4.37	76	282028	21.737	ug/L	99
15) Methyl Acetate	4.68	43	49886	23.591	ug/L	96
16) Methylene chloride	4.91	84	106224	23.800	ug/L	94
17) Methyl tert-butyl Ether	5.43	73	152215	23.561	ug/L	99
18) trans-1,2-Dichloroethene	5.42	96	107066	24.366	ug/L	97
19) 1,1-Dichloroethane	6.21	63	171484	24.116	ug/L	99
21) 2-Butanone	7.18	43	76308	43.989	ug/L	94
22) cis-1,2-Dichloroethene	7.16	96	117355	24.484	ug/L	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	7.51	128	56383	25.010	ug/L	95
25) Chloroform	7.67	83	188843	24.672	ug/L	99
27) 1,2-Dichloroethane	8.40	62	128672	24.662	ug/L	99
30) Cyclohexane	7.95	56	163120	23.072	ug/L	96
31) 1,1,1-Trichloroethane	7.87	97	165980	24.659	ug/L	99
32) Carbon tetrachloride	8.07	117	159753	24.200	ug/L	99
34) Benzene	8.32	78	405619	24.563	ug/L	100
35) Trichloroethene	9.09	95	116274	25.026	ug/L	98
36) Methylcyclohexane	9.34	83	207131	24.331	ug/L	98
40) 1,2-Dichloropropane	9.37	63	96756	23.620	ug/L	99
41) Bromodichloromethane	9.65	83	129597	23.428	ug/L	98
42) cis-1,3-Dichloropropene	10.07	75	157771	23.580	ug/L	100
43) 4-Methyl-2-pentanone	10.21	43	147090	44.811	ug/L	98
44) Toluene	10.39	91	459530	24.783	ug/L	100
45) trans-1,3-Dichloropropene	10.61	75	137407	23.511	ug/L	99
46) 1,1,2-Trichloroethane	10.79	97	86024	25.218	ug/L	97
47) Tetrachloroethene	10.87	164	110574	25.710	ug/L	94
49) 2-Hexanone	10.97	43	114703	47.415	ug/L	97
50) Dibromochloromethane	11.13	129	103332	23.633	ug/L	96
51) 1,2-Dibromoethane	11.24	107	90395	25.458	ug/L	96
52) Chlorobenzene	11.66	112	316439	25.219	ug/L	99
53) Ethylbenzene	11.73	91	536693	24.863	ug/L	99
54) m,p-Xylene	11.84	106	210546	24.883	ug/L	100
55) o-xylene	12.17	106	199786	24.729	ug/L	100
56) Styrene	12.18	104	339389	24.394	ug/L	99
57) Isopropylbenzene	12.47	105	563738	25.078	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	12.72	83	112953	25.480	ug/L	99
59) 1,2,3-Trichloropropane	12.77	75	84394	25.516	ug/L	100
62) Bromoform	12.35	173	66535	22.325	ug/L	100
63) 1,3-Dichlorobenzene	13.51	146	274906	25.169	ug/L	99
64) 1,4-Dichlorobenzene	13.58	146	275080	25.009	ug/L	99
65) 1,2-Dichlorobenzene	13.88	146	254682	25.346	ug/L	99
66) 1,2-Dibromo-3-chloropropan	14.49	75	18210	22.515	ug/L	97
67) 1,3,5-Trichlorobenzene	14.64	180	228255	25.925	ug/L	99
68) 1,2,4-trichlorobenzene	15.14	180	196870	26.223	ug/L	100
69) Naphthalene	15.38	128	386299	25.414	ug/L	100
70) 1,2,3-Trichlorobenzene	15.57	180	174993	25.945	ug/L	98

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

