

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW103018\
 Data File : VW006447.D
 Acq On : 29 Oct 2018 10:46
 Operator : SY/AP
 Sample : VSTDCCC025
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02510

Quant Time: Oct 30 04:49:22 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM100918S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Oct 26 23:43:44 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	391942	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	370358	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	206280	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	96714	21.88	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	87.52%
7) Chloroethane-d5	2.90	69	83091	21.84	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	87.36%
10) 1,1-Dichloroethene-d2	4.02	63	194004	22.86	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	91.44%
20) 2-Butanone-d5	7.09	46	49859	34.03	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	68.06%
24) Chloroform-d	7.65	84	185635	21.86	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	87.44%
26) 1,2-Dichloroethane-d4	8.31	65	99088	21.10	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	84.40%
29) Benzene-d6	8.27	84	358761	21.34	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	85.36%
33) 1,2-Dichloropropane-d6	9.28	67	102304	20.16	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	80.64%
37) Toluene-d8	10.33	98	359898	21.40	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	85.60%
38) trans-1,3-Dichloropropene-	10.58	79	49659	20.14	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	80.56%
39) 2-Hexanone-d5	10.93	63	42717	34.84	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	69.68%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	101285	20.53	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	82.12%
61) 1,2-Dichlorobenzene-d4	13.86	152	151119	21.37	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	85.48%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	2.01	85	127902	34.527	ug/L 98
3) Chloromethane	2.22	50	103570	28.469	ug/L 98
5) Vinyl chloride	2.37	62	154889	26.416	ug/L 97
6) Bromomethane	2.79	94	113272	24.810	ug/L 99
8) Chloroethane	2.93	64	95673	26.621	ug/L 99
9) Trichlorofluoromethane	3.26	101	140496	29.951	ug/L 99
11) 1,1,2-Trichloro-1,2,2-trif	4.07	101	140704	30.002	ug/L 99
12) 1,1-Dichloroethene	4.03	96	127675	28.373	ug/L 81
13) Acetone	4.14	43	73986	49.984	ug/L 99
14) Carbon disulfide	4.38	76	370556	25.190	ug/L 100
15) Methyl Acetate	4.68	43	56487	23.561	ug/L 94
16) Methylene chloride	4.91	84	127500	25.196	ug/L 93
17) Methyl tert-butyl Ether	5.43	73	188698	25.761	ug/L 98
18) trans-1,2-Dichloroethene	5.42	96	137153	27.530	ug/L 97
19) 1,1-Dichloroethane	6.21	63	218581	27.112	ug/L 99
21) 2-Butanone	7.18	43	85787	43.617	ug/L 94
22) cis-1,2-Dichloroethene	7.17	96	149464	27.503	ug/L 96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	7.52	128	71652	28.032	ug/L	91
25) Chloroform	7.68	83	240881	27.757	ug/L	99
27) 1,2-Dichloroethane	8.40	62	157253	26.584	ug/L	100
30) Cyclohexane	7.96	56	205928	25.298	ug/L	96
31) 1,1,1-Trichloroethane	7.87	97	216977	27.997	ug/L	99
32) Carbon tetrachloride	8.07	117	212648	27.978	ug/L	100
34) Benzene	8.32	78	515240	27.100	ug/L	100
35) Trichloroethene	9.09	95	146800	27.443	ug/L	98
36) Methylcyclohexane	9.34	83	263838	26.918	ug/L	98
40) 1,2-Dichloropropane	9.37	63	124533	26.404	ug/L	99
41) Bromodichloromethane	9.65	83	168608	26.474	ug/L	98
42) cis-1,3-Dichloropropene	10.07	75	202445	26.280	ug/L	100
43) 4-Methyl-2-pentanone	10.21	43	164060	43.410	ug/L	97
44) Toluene	10.39	91	588626	27.573	ug/L	100
45) trans-1,3-Dichloropropene	10.61	75	178569	26.538	ug/L	100
46) 1,1,2-Trichloroethane	10.79	97	108151	27.537	ug/L	95
47) Tetrachloroethene	10.87	164	143816	29.044	ug/L	97
49) 2-Hexanone	10.98	43	128605	46.173	ug/L	96
50) Dibromochloromethane	11.13	129	136938	27.202	ug/L	98
51) 1,2-Dibromoethane	11.24	107	110775	27.096	ug/L	98
52) Chlorobenzene	11.66	112	406308	28.124	ug/L	98
53) Ethylbenzene	11.74	91	685366	27.576	ug/L	100
54) m,p-Xylene	11.84	106	270347	27.751	ug/L	98
55) o-xylene	12.17	106	256757	27.603	ug/L	95
56) Styrene	12.19	104	440584	27.505	ug/L	94
57) Isopropylbenzene	12.47	105	723123	27.939	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	12.72	83	136178	26.681	ug/L	99
59) 1,2,3-Trichloropropane	12.77	75	100097	26.286	ug/L	100
62) Bromoform	12.35	173	90527	26.191	ug/L	99
63) 1,3-Dichlorobenzene	13.51	146	357524	28.223	ug/L	99
64) 1,4-Dichlorobenzene	13.58	146	359431	28.176	ug/L	100
65) 1,2-Dichlorobenzene	13.88	146	326120	27.985	ug/L	99
66) 1,2-Dibromo-3-chloropropan	14.49	75	23129	24.657	ug/L	95
67) 1,3,5-Trichlorobenzene	14.64	180	297052	29.091	ug/L	100
68) 1,2,4-trichlorobenzene	15.15	180	250025	28.715	ug/L	100
69) Naphthalene	15.38	128	465968	26.432	ug/L	99
70) 1,2,3-Trichlorobenzene	15.57	180	224525	28.703	ug/L	100

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

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