

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW100318\
 Data File : VW005831.D
 Acq On : 04 Oct 2018 00:11
 Operator : SY/AP
 Sample : VSTDCCC025EC
 Misc : 5.00G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02591

Quant Time: Oct 04 07:05:24 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM092818S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Oct 04 07:04:02 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	270054	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	265903	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	138362	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	65435	19.01	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	76.04%
7) Chloroethane-d5	2.90	69	58310	21.71	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	86.84%
10) 1,1-Dichloroethene-d2	4.02	63	157816	21.00	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	84.00%
20) 2-Butanone-d5	7.09	46	53127	48.07	ug/L	0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	96.14%
24) Chloroform-d	7.65	84	180978	26.09	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	104.36%
26) 1,2-Dichloroethane-d4	8.31	65	109720	26.11	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	104.44%
29) Benzene-d6	8.27	84	326865	24.83	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	99.32%
33) 1,2-Dichloropropane-d6	9.28	67	98707	25.94	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	103.76%
37) Toluene-d8	10.33	98	308681	23.75	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	95.00%
38) trans-1,3-Dichloropropene-	10.58	79	46029	23.04	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	92.16%
39) 2-Hexanone-d5	10.93	63	44270	49.69	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	99.38%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	94837	25.66	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	102.64%
61) 1,2-Dichlorobenzene-d4	13.86	152	127978	26.14	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	104.56%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	2.01	85	68438	21.612 ug/L	96
3) Chloromethane	2.21	50	56462	19.141 ug/L	99
5) Vinyl chloride	2.37	62	92102	21.654 ug/L	96
6) Bromomethane	2.79	94	56788	22.191 ug/L	99
8) Chloroethane	2.93	64	53733	22.721 ug/L	96
9) Trichlorofluoromethane	3.26	101	61754	19.002 ug/L	99
11) 1,1,2-Trichloro-1,2,2-trif	4.06	101	87332	23.788 ug/L	99
12) 1,1-Dichloroethene	4.04	96	79166	22.578 ug/L	96
13) Acetone	4.15	43	40679	35.345 ug/L	68
14) Carbon disulfide	4.38	76	229600	20.884 ug/L	99
15) Methyl Acetate	4.68	43	47065	23.043 ug/L	99
16) Methylene chloride	4.92	84	102610	23.044 ug/L	94
17) Methyl tert-butyl Ether	5.43	73	132366	23.725 ug/L	99
18) trans-1,2-Dichloroethene	5.42	96	85093	23.597 ug/L	99
19) 1,1-Dichloroethane	6.22	63	167102	25.042 ug/L	98
21) 2-Butanone	7.18	43	59993	43.525 ug/L	99
22) cis-1,2-Dichloroethene	7.17	96	97606	24.901 ug/L	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	7.51	128	46927	25.795	ug/L	98
25) Chloroform	7.68	83	186699	26.151	ug/L	100
27) 1,2-Dichloroethane	8.40	62	137066	26.075	ug/L	99
30) Cyclohexane	7.96	56	132866	22.046	ug/L	98
31) 1,1,1-Trichloroethane	7.88	97	153519	23.576	ug/L	100
32) Carbon tetrachloride	8.07	117	147090	23.196	ug/L	100
34) Benzene	8.33	78	380855	25.349	ug/L	100
35) Trichloroethene	9.10	95	96307	23.960	ug/L	99
36) Methylcyclohexane	9.34	83	154205	22.063	ug/L	98
40) 1,2-Dichloropropane	9.37	63	95599	26.109	ug/L	99
41) Bromodichloromethane	9.65	83	133979	26.026	ug/L	99
42) cis-1,3-Dichloropropene	10.08	75	144867	23.958	ug/L	99
43) 4-Methyl-2-pentanone	10.21	43	131685	44.071	ug/L	99
44) Toluene	10.39	91	412628	24.576	ug/L	100
45) trans-1,3-Dichloropropene	10.61	75	135679	24.098	ug/L	99
46) 1,1,2-Trichloroethane	10.79	97	76140	24.920	ug/L	99
47) Tetrachloroethene	10.87	164	82439	23.280	ug/L	95
49) 2-Hexanone	10.98	43	95988	45.765	ug/L	100
50) Dibromochloromethane	11.13	129	98904	25.811	ug/L	98
51) 1,2-Dibromoethane	11.24	107	73448	24.865	ug/L	91
52) Chlorobenzene	11.66	112	273222	24.736	ug/L	97
53) Ethylbenzene	11.74	91	473960	24.654	ug/L	100
54) m,p-Xylene	11.85	106	178317	24.621	ug/L	96
55) o-xylene	12.17	106	174265	25.528	ug/L	97
56) Styrene	12.19	104	314964	26.291	ug/L	99
57) Isopropylbenzene	12.47	105	479725	24.604	ug/L	100
58) 1,1,2,2-Tetrachloroethane	12.72	83	97123	24.919	ug/L	94
59) 1,2,3-Trichloropropane	12.77	75	73650	23.278	ug/L	97
62) Bromoform	12.35	173	62811	25.529	ug/L	99
63) 1,3-Dichlorobenzene	13.51	146	211618	24.078	ug/L	95
64) 1,4-Dichlorobenzene	13.58	146	235858	25.698	ug/L	91
65) 1,2-Dichlorobenzene	13.88	146	220803	26.110	ug/L	98
66) 1,2-Dibromo-3-chloropropan	14.49	75	18747	23.315	ug/L	91
67) 1,3,5-Trichlorobenzene	14.63	180	177426	24.598	ug/L	100
68) 1,2,4-trichlorobenzene	15.15	180	149336	25.203	ug/L	99
69) Naphthalene	15.38	128	296671	24.987	ug/L	100
70) 1,2,3-Trichlorobenzene	15.57	180	143674	25.872	ug/L	100

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

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