

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW083118\
 Data File : VW005052.D
 Acq On : 31 Aug 2018 20:50
 Operator : SY/AP
 Sample : VSTDCCC025EC
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02593

Quant Time: Aug 31 23:54:01 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM083118S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Aug 31 16:23:30 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	670633	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	670429	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	354321	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	210370	20.03	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	80.12%
7) Chloroethane-d5	2.89	69	158072	20.31	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	81.24%
10) 1,1-Dichloroethene-d2	4.03	63	305222	21.02	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	84.08%
20) 2-Butanone-d5	7.09	46	121332	43.15	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	86.30%
24) Chloroform-d	7.65	84	301282	20.44	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	81.76%
26) 1,2-Dichloroethane-d4	8.31	65	166170	20.31	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	81.24%
29) Benzene-d6	8.28	84	704073	20.89	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	83.56%
33) 1,2-Dichloropropane-d6	9.28	67	203811	20.71	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	82.84%
37) Toluene-d8	10.33	98	744048	22.06	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	88.24%
38) trans-1,3-Dichloropropene-	10.58	79	88211	20.35	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	81.40%
39) 2-Hexanone-d5	10.93	63	112784	46.44	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	92.88%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	209412	21.58	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	86.32%
61) 1,2-Dichlorobenzene-d4	13.86	152	284671	20.89	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	83.56%

Target Compounds

						Ovalue
2) Dichlorodifluoromethane	2.00	85	246152	25.14	ug/L	100
3) Chloromethane	2.21	50	264970	24.58	ug/L	99
5) Vinyl chloride	2.36	62	274902	25.28	ug/L	98
6) Bromomethane	2.77	94	157365	26.02	ug/L	100
8) Chloroethane	2.92	64	156231	22.74	ug/L	98
9) Trichlorofluoromethane	3.26	101	301235	25.69	ug/L	100
11) 1,1,2-Trichloro-1,2,2-trif	4.07	101	200459	25.07	ug/L	99
12) 1,1-Dichloroethene	4.04	96	170924	25.15	ug/L	93
13) Acetone	4.12	43	88093	43.31	ug/L	98
14) Carbon disulfide	4.39	76	589365	24.52	ug/L	99
15) Methyl Acetate	4.68	43	118967	25.72	ug/L	100
16) Methylene chloride	4.92	84	234928	20.33	ug/L	98
17) Methyl tert-butyl Ether	5.43	73	425039	25.10	ug/L	100
18) trans-1,2-Dichloroethene	5.43	96	192263	25.10	ug/L	98
19) 1,1-Dichloroethane	6.23	63	324693	25.12	ug/L	99
21) 2-Butanone	7.18	43	147154	49.95	ug/L	100
22) cis-1,2-Dichloroethene	7.18	96	206532	25.48	ug/L	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	7.52	128	96603	24.62	ug/L	96
25) Chloroform	7.68	83	341386	25.14	ug/L	99
27) 1,2-Dichloroethane	8.41	62	222405	24.86	ug/L	100
30) Cyclohexane	7.96	56	327997	27.41	ug/L	100
31) 1,1,1-Trichloroethane	7.88	97	312433	26.38	ug/L	100
32) Carbon tetrachloride	8.07	117	283714	26.45	ug/L	98
34) Benzene	8.33	78	858723	25.72	ug/L	100
35) Trichloroethene	9.10	95	217700	25.56	ug/L	99
36) Methylcyclohexane	9.34	83	394803	27.48	ug/L	100
40) 1,2-Dichloropropane	9.37	63	210479	25.77	ug/L	100
41) Bromodichloromethane	9.65	83	248940	25.32	ug/L	99
42) cis-1,3-Dichloropropene	10.08	75	304295	25.41	ug/L	99
43) 4-Methyl-2-pentanone	10.21	43	334226	55.07	ug/L	99
44) Toluene	10.40	91	1036549	27.25	ug/L	99
45) trans-1,3-Dichloropropene	10.61	75	271743	25.71	ug/L	97
46) 1,1,2-Trichloroethane	10.79	97	171019	25.06	ug/L	96
47) Tetrachloroethene	10.87	164	215409	26.78	ug/L	99
49) 2-Hexanone	10.98	43	258711	58.88	ug/L	99
50) Dibromochloromethane	11.13	129	196121	25.81	ug/L	99
51) 1,2-Dibromoethane	11.24	107	165588	25.64	ug/L	100
52) Chlorobenzene	11.66	112	673951	25.86	ug/L	99
53) Ethylbenzene	11.74	91	1160493	27.09	ug/L	100
54) m,p-Xylene	11.85	106	460128	27.10	ug/L	98
55) o-xylene	12.17	106	431822	27.38	ug/L	98
56) Styrene	12.19	104	759981	27.95	ug/L	97
57) Isopropylbenzene	12.47	105	1169002	27.93	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	12.72	83	240152	26.50	ug/L	100
59) 1,2,3-Trichloropropane	12.77	75	184576	26.05	ug/L	98
62) Bromoform	12.35	173	133132	26.13	ug/L	100
63) 1,3-Dichlorobenzene	13.51	146	537755	25.89	ug/L	99
64) 1,4-Dichlorobenzene	13.58	146	566704	25.73	ug/L	99
65) 1,2-Dichlorobenzene	13.88	146	529213	26.14	ug/L	98
66) 1,2-Dibromo-3-chloropropan	14.49	75	44160	26.92	ug/L	92
67) 1,3,5-Trichlorobenzene	14.64	180	438968	26.03	ug/L	99
68) 1,2,4-trichlorobenzene	15.15	180	352076	25.86	ug/L	99
69) Naphthalene	15.38	128	742678	27.07	ug/L	100
70) 1,2,3-Trichlorobenzene	15.57	180	342165	26.73	ug/L	99

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

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