

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW070818\
 Data File : VW003766.D
 Acq On : 07 Jul 2018 14:12
 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: Jul 09 09:45:28 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM070818S.M
 Quant Title : VOC Analysis
 QLast Update : Mon Jul 09 09:32:49 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	330452	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	314653	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	161243	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.34	65	96202	24.21	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	96.84%
7) Chloroethane-d5	2.89	69	75551	24.25	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	97.00%
10) 1,1-Dichloroethene-d2	4.01	63	199542	23.45	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	93.80%
20) 2-Butanone-d5	7.09	46	88753	64.22	ug/L	-0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	128.44%
24) Chloroform-d	7.65	84	205383	24.34	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	97.36%
26) 1,2-Dichloroethane-d4	8.31	65	128354	25.45	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	101.80%
29) Benzene-d6	8.28	84	385627	23.98	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	95.92%
33) 1,2-Dichloropropane-d6	9.27	67	125275	23.86	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	95.44%
37) Toluene-d8	10.33	98	372624	24.68	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	98.72%
38) trans-1,3-Dichloropropene-	10.58	79	60253	25.31	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	101.24%
39) 2-Hexanone-d5	10.93	63	69740	69.07	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	138.14%#
48) 1,1,2,2-Tetrachloroethane-	12.70	84	137128	28.68	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	114.72%
61) 1,2-Dichlorobenzene-d4	13.86	152	141176	24.39	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	97.56%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	2.00	85	47604	33.68	ug/L	# 85
3) Chloromethane	2.20	50	84214	26.57	ug/L	98
5) Vinyl chloride	2.36	62	119834	24.87	ug/L	98
6) Bromomethane	2.78	94	75480	28.71	ug/L	99
8) Chloroethane	2.92	64	69305	24.16	ug/L	100
9) Trichlorofluoromethane	3.25	101	50431	19.55	ug/L	99
11) 1,1,2-Trichloro-1,2,2-trif	4.05	101	102589	24.95	ug/L	99
12) 1,1-Dichloroethene	4.03	96	102554	25.38	ug/L	97
13) Acetone	4.14	43	80221	57.49	ug/L	99
14) Carbon disulfide	4.37	76	322627	24.64	ug/L	99
15) Methyl Acetate	4.67	43	81725	31.78	ug/L	99
16) Methylene chloride	4.91	84	114181	24.18	ug/L	99
17) Methyl tert-butyl Ether	5.43	73	213438	27.44	ug/L	100
18) trans-1,2-Dichloroethene	5.41	96	109089	25.26	ug/L	97
19) 1,1-Dichloroethane	6.21	63	210450	25.84	ug/L	100
21) 2-Butanone	7.18	43	112891	66.32	ug/L	98
22) cis-1,2-Dichloroethene	7.17	96	121030	26.32	ug/L	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	7.51	128	56693	26.82	ug/L	98
25) Chloroform	7.68	83	219127	26.20	ug/L	99
27) 1,2-Dichloroethane	8.40	62	167218	27.73	ug/L	99
30) Cyclohexane	7.95	56	186268	25.70	ug/L	100
31) 1,1,1-Trichloroethane	7.87	97	168866	24.40	ug/L	100
32) Carbon tetrachloride	8.07	117	165792	25.31	ug/L	100
34) Benzene	8.32	78	480388	26.10	ug/L	100
35) Trichloroethene	9.09	95	124811	25.32	ug/L	100
36) Methylcyclohexane	9.34	83	211815	25.49	ug/L	99
40) 1,2-Dichloropropane	9.37	63	130354	26.62	ug/L	99
41) Bromodichloromethane	9.65	83	163693	26.44	ug/L	99
42) cis-1,3-Dichloropropene	10.07	75	191667	26.44	ug/L	98
43) 4-Methyl-2-pentanone	10.22	43	236354	69.40	ug/L	100
44) Toluene	10.39	91	525486	26.71	ug/L	99
45) trans-1,3-Dichloropropene	10.61	75	179220	27.21	ug/L	99
46) 1,1,2-Trichloroethane	10.79	97	100018	27.51	ug/L	99
47) Tetrachloroethene	10.87	164	101890	25.41	ug/L	98
49) 2-Hexanone	10.98	43	178542	69.24	ug/L	98
50) Dibromochloromethane	11.13	129	118873	27.44	ug/L	96
51) 1,2-Dibromoethane	11.24	107	100727	28.44	ug/L	99
52) Chlorobenzene	11.66	112	331369	25.82	ug/L	98
53) Ethylbenzene	11.74	91	589269	26.44	ug/L	98
54) m,p-Xylene	11.84	106	221694	27.05	ug/L	99
55) o-xylene	12.17	106	209553	27.14	ug/L	97
56) Styrene	12.19	104	372321	27.80	ug/L	99
57) Isopropylbenzene	12.47	105	575146	26.82	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	12.72	83	144324	30.24	ug/L	99
59) 1,2,3-Trichloropropane	12.77	75	111827	30.68	ug/L	99
62) Bromoform	12.35	173	78605	29.15	ug/L	99
63) 1,3-Dichlorobenzene	13.51	146	254067	25.45	ug/L	99
64) 1,4-Dichlorobenzene	13.59	146	268559	25.42	ug/L	99
65) 1,2-Dichlorobenzene	13.88	146	249426	25.91	ug/L	98
66) 1,2-Dibromo-3-chloropropan	14.49	75	27684	32.49	ug/L	96
67) 1,3,5-Trichlorobenzene	14.64	180	199077	25.52	ug/L	99
68) 1,2,4-trichlorobenzene	15.15	180	164264	26.01	ug/L	99
69) Naphthalene	15.38	128	398532	31.32	ug/L	99
70) 1,2,3-Trichlorobenzene	15.57	180	161377	27.50	ug/L	99

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

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