

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW062518\
 Data File : VW003566.D
 Acq On : 26 Jun 2018 01:38
 Operator : SY/AP
 Sample : VSTDCCC025EC
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02581

Quant Time: Jun 26 04:22:27 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM062018S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Jun 26 03:05:07 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	277185	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	256706	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	132070	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	78783	20.96	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	83.84%
7) Chloroethane-d5	2.89	69	68707	21.91	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	87.64%
10) 1,1-Dichloroethene-d2	4.01	63	174209	23.34	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	93.36%
20) 2-Butanone-d5	7.09	46	81519	68.82	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	137.64%#
24) Chloroform-d	7.65	84	182495	25.03	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	100.12%
26) 1,2-Dichloroethane-d4	8.31	65	110434	25.49	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	101.96%
29) Benzene-d6	8.27	84	336376	24.70	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	98.80%
33) 1,2-Dichloropropane-d6	9.28	67	109292	25.35	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	101.40%
37) Toluene-d8	10.33	98	319360	24.52	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	98.08%
38) trans-1,3-Dichloropropene-	10.58	79	48173	23.80	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	95.20%
39) 2-Hexanone-d5	10.93	63	62250	70.64	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	141.28%#
48) 1,1,2,2-Tetrachloroethane-	12.70	84	122316	30.49	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	121.96%#
61) 1,2-Dichlorobenzene-d4	13.86	152	123308	24.72	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	98.88%

Target Compounds

						Ovalue
2) Dichlorodifluoromethane	2.00	85	45558	29.92	ug/L	86
3) Chloromethane	2.21	50	79270	24.24	ug/L	99
5) Vinyl chloride	2.36	62	121625	25.70	ug/L	97
6) Bromomethane	2.78	94	66323	24.08	ug/L	99
8) Chloroethane	2.93	64	70374	24.40	ug/L	95
9) Trichlorofluoromethane	3.25	101	70358	25.92	ug/L	99
11) 1,1,2-Trichloro-1,2,2-trif	4.06	101	99180	27.06	ug/L	99
12) 1,1-Dichloroethene	4.03	96	89644	25.87	ug/L	94
13) Acetone	4.14	43	64811	51.33	ug/L	98
14) Carbon disulfide	4.37	76	274132	24.52	ug/L	100
15) Methyl Acetate	4.68	43	63928	30.89	ug/L	99
16) Methylene chloride	4.91	84	98133	25.69	ug/L	97
17) Methyl tert-butyl Ether	5.43	73	176245	27.57	ug/L	99
18) trans-1,2-Dichloroethene	5.42	96	93086	25.78	ug/L	93
19) 1,1-Dichloroethane	6.21	63	181166	26.89	ug/L	99
21) 2-Butanone	7.18	43	85794	57.82	ug/L	99
22) cis-1,2-Dichloroethene	7.17	96	101452	26.44	ug/L	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	7.51	128	46447	26.17	ug/L	98
25) Chloroform	7.68	83	185395	26.77	ug/L	100
27) 1,2-Dichloroethane	8.40	62	138362	27.58	ug/L	100
30) Cyclohexane	7.95	56	163692	27.62	ug/L	99
31) 1,1,1-Trichloroethane	7.87	97	152522	27.04	ug/L	99
32) Carbon tetrachloride	8.07	117	147695	27.11	ug/L	100
34) Benzene	8.32	78	400952	27.39	ug/L	100
35) Trichloroethene	9.09	95	104196	26.41	ug/L	99
36) Methylcyclohexane	9.34	83	187520	27.84	ug/L	99
40) 1,2-Dichloropropane	9.37	63	104805	27.21	ug/L	100
41) Bromodichloromethane	9.65	83	134321	27.13	ug/L	98
42) cis-1,3-Dichloropropene	10.08	75	154523	26.88	ug/L	97
43) 4-Methyl-2-pentanone	10.21	43	179089	65.07	ug/L	99
44) Toluene	10.39	91	437614	27.56	ug/L	100
45) trans-1,3-Dichloropropene	10.61	75	142461	27.38	ug/L	100
46) 1,1,2-Trichloroethane	10.79	97	81197	28.23	ug/L	99
47) Tetrachloroethene	10.87	164	86697	26.15	ug/L	99
49) 2-Hexanone	10.98	43	134440	65.55	ug/L	99
50) Dibromochloromethane	11.13	129	94824	27.09	ug/L	95
51) 1,2-Dibromoethane	11.24	107	80235	28.08	ug/L	100
52) Chlorobenzene	11.66	112	276721	26.84	ug/L	99
53) Ethylbenzene	11.74	91	495707	27.84	ug/L	99
54) m,p-Xylene	11.85	106	186501	28.20	ug/L	94
55) o-xylene	12.17	106	175571	27.91	ug/L	97
56) Styrene	12.19	104	304545	28.04	ug/L	99
57) Isopropylbenzene	12.47	105	495535	28.39	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	12.72	83	113633	29.97	ug/L	98
59) 1,2,3-Trichloropropane	12.77	75	88957	30.62	ug/L	100
62) Bromoform	12.35	173	60660	27.29	ug/L	100
63) 1,3-Dichlorobenzene	13.51	146	211369	26.03	ug/L	99
64) 1,4-Dichlorobenzene	13.59	146	220762	25.93	ug/L	99
65) 1,2-Dichlorobenzene	13.88	146	207001	26.70	ug/L	99
66) 1,2-Dibromo-3-chloropropan	14.49	75	20494	30.12	ug/L	89
67) 1,3,5-Trichlorobenzene	14.64	180	161638	25.62	ug/L	99
68) 1,2,4-trichlorobenzene	15.15	180	133307	25.95	ug/L	98
69) Naphthalene	15.38	128	294865	30.68	ug/L	99
70) 1,2,3-Trichlorobenzene	15.57	180	132577	28.16	ug/L	100

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

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