

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW062118\
 Data File : VW003398.D
 Acq On : 21 Jun 2018 19:46
 Operator : SY/AP
 Sample : VSTDCCC025
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02595

Quant Time: Jun 22 04:56:55 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM062018S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jun 22 04:53:24 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	385191	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	364661	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	189976	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	98645	18.88	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	75.52%
7) Chloroethane-d5	2.89	69	88074	20.21	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	80.84%
10) 1,1-Dichloroethene-d2	4.01	63	212899	20.52	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	82.08%
20) 2-Butanone-d5	7.09	46	76478	46.46	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	92.92%
24) Chloroform-d	7.65	84	216839	21.40	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	85.60%
26) 1,2-Dichloroethane-d4	8.31	65	132641	22.03	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	88.12%
29) Benzene-d6	8.27	84	405579	20.96	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	83.84%
33) 1,2-Dichloropropane-d6	9.28	67	130911	21.37	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	85.48%
37) Toluene-d8	10.33	98	387689	20.96	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	83.84%
38) trans-1,3-Dichloropropene-	10.58	79	61134	21.26	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	85.04%
39) 2-Hexanone-d5	10.93	63	61546	49.16	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	98.32%
48) 1,1,2,2-Tetrachloroethane-	12.70	84	130161	22.84	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	91.36%
61) 1,2-Dichlorobenzene-d4	13.86	152	148136	20.65	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	82.60%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	2.00	85	46623	22.04	ug/L	# 84
3) Chloromethane	2.21	50	103475	22.77	ug/L	99
5) Vinyl chloride	2.36	62	152158	23.13	ug/L	98
6) Bromomethane	2.78	94	91410	23.88	ug/L	97
8) Chloroethane	2.92	64	92348	23.04	ug/L	100
9) Trichlorofluoromethane	3.25	101	81343	21.56	ug/L	99
11) 1,1,2-Trichloro-1,2,2-trif	4.05	101	119157	23.39	ug/L	100
12) 1,1-Dichloroethene	4.03	96	112529	23.37	ug/L	92
13) Acetone	4.15	43	82419	46.97	ug/L	96
14) Carbon disulfide	4.37	76	361587	23.28	ug/L	98
15) Methyl Acetate	4.68	43	72234	25.12	ug/L	100
16) Methylene chloride	4.90	84	122210	23.03	ug/L	95
17) Methyl tert-butyl Ether	5.43	73	225547	25.39	ug/L	100
18) trans-1,2-Dichloroethene	5.42	96	119391	23.80	ug/L	95
19) 1,1-Dichloroethane	6.21	63	226756	24.22	ug/L	96
21) 2-Butanone	7.18	43	100493	48.74	ug/L	99
22) cis-1,2-Dichloroethene	7.17	96	132210	24.80	ug/L	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	7.51	128	60982	24.72	ug/L	99
25) Chloroform	7.68	83	235766	24.49	ug/L	99
27) 1,2-Dichloroethane	8.40	62	176762	25.36	ug/L	99
30) Cyclohexane	7.96	56	204521	24.29	ug/L	99
31) 1,1,1-Trichloroethane	7.87	97	188097	23.48	ug/L	98
32) Carbon tetrachloride	8.07	117	179961	23.25	ug/L	100
34) Benzene	8.32	78	514585	24.75	ug/L	100
35) Trichloroethene	9.09	95	134904	24.07	ug/L	99
36) Methylcyclohexane	9.34	83	235145	24.58	ug/L	99
40) 1,2-Dichloropropane	9.37	63	135731	24.80	ug/L	99
41) Bromodichloromethane	9.65	83	173930	24.73	ug/L	99
42) cis-1,3-Dichloropropene	10.07	75	205327	25.14	ug/L	99
43) 4-Methyl-2-pentanone	10.21	43	208372	53.30	ug/L	100
44) Toluene	10.39	91	561648	24.90	ug/L	99
45) trans-1,3-Dichloropropene	10.61	75	189612	25.66	ug/L	100
46) 1,1,2-Trichloroethane	10.79	97	103341	25.30	ug/L	97
47) Tetrachloroethene	10.87	164	110449	23.45	ug/L	98
49) 2-Hexanone	10.98	43	158760	54.49	ug/L	99
50) Dibromochloromethane	11.13	129	125814	25.30	ug/L	98
51) 1,2-Dibromoethane	11.24	107	101560	25.02	ug/L	96
52) Chlorobenzene	11.66	112	356050	24.31	ug/L	100
53) Ethylbenzene	11.74	91	634978	25.10	ug/L	99
54) m,p-Xylene	11.85	106	237841	25.32	ug/L	99
55) o-xylene	12.17	106	226854	25.38	ug/L	98
56) Styrene	12.19	104	402365	26.08	ug/L	100
57) Isopropylbenzene	12.47	105	627810	25.32	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	12.72	83	140217	26.04	ug/L	98
59) 1,2,3-Trichloropropane	12.77	75	105895	25.66	ug/L	100
62) Bromoform	12.35	173	78764	24.63	ug/L	97
63) 1,3-Dichlorobenzene	13.51	146	280760	24.04	ug/L	99
64) 1,4-Dichlorobenzene	13.58	146	296517	24.21	ug/L	99
65) 1,2-Dichlorobenzene	13.88	146	274183	24.59	ug/L	99
66) 1,2-Dibromo-3-chloropropan	14.49	75	25092	25.64	ug/L	91
67) 1,3,5-Trichlorobenzene	14.64	180	224989	24.79	ug/L	100
68) 1,2,4-trichlorobenzene	15.15	180	185218	25.07	ug/L	99
69) Naphthalene	15.38	128	372233	26.92	ug/L	100
70) 1,2,3-Trichlorobenzene	15.57	180	175614	25.93	ug/L	99

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

