

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW062118\
 Data File : VW003415.D
 Acq On : 22 Jun 2018 03:58
 Operator : SY/AP
 Sample : VSTDCCC025EC
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02596

Quant Time: Jun 22 07:30:34 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM062018S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jun 22 07:26:48 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	339592	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	327663	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	165244	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	94418	20.50	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	82.00%
7) Chloroethane-d5	2.89	69	85642	22.29	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	89.16%
10) 1,1-Dichloroethene-d2	4.01	63	197235	21.57	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	86.28%
20) 2-Butanone-d5	7.09	46	72277	49.80	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	99.60%
24) Chloroform-d	7.65	84	209049	23.40	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	93.60%
26) 1,2-Dichloroethane-d4	8.31	65	128934	24.29	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	97.16%
29) Benzene-d6	8.27	84	390939	22.49	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	89.96%
33) 1,2-Dichloropropane-d6	9.28	67	125861	22.87	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	91.48%
37) Toluene-d8	10.33	98	371301	22.34	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	89.36%
38) trans-1,3-Dichloropropene-	10.58	79	56078	21.70	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	86.80%
39) 2-Hexanone-d5	10.93	63	57632	51.24	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	102.48%
48) 1,1,2,2-Tetrachloroethane-	12.70	84	126292	24.67	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	98.68%
61) 1,2-Dichlorobenzene-d4	13.87	152	144674	23.18	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	92.72%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	2.01	85	45521	24.41	ug/L	100
3) Chloromethane	2.21	50	96638	24.12	ug/L	100
5) Vinyl chloride	2.36	62	132443	22.84	ug/L	99
6) Bromomethane	2.78	94	81487	24.15	ug/L	100
8) Chloroethane	2.92	64	85097	24.08	ug/L	97
9) Trichlorofluoromethane	3.25	101	68773	20.68	ug/L	100
11) 1,1,2-Trichloro-1,2,2-trif	4.06	101	102787	22.89	ug/L	97
12) 1,1-Dichloroethene	4.03	96	98677	23.25	ug/L	96
13) Acetone	4.15	43	63014	40.73	ug/L	70
14) Carbon disulfide	4.37	76	319858	23.36	ug/L	99
15) Methyl Acetate	4.68	43	64581	25.47	ug/L	97
16) Methylene chloride	4.92	84	113429	24.24	ug/L	96
17) Methyl tert-butyl Ether	5.43	73	200786	25.64	ug/L	99
18) trans-1,2-Dichloroethene	5.42	96	106792	24.14	ug/L	97
19) 1,1-Dichloroethane	6.21	63	206090	24.97	ug/L	99
21) 2-Butanone	7.19	43	85079	46.80	ug/L	98
22) cis-1,2-Dichloroethene	7.17	96	116710	24.83	ug/L	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	7.52	128	54584	25.10	ug/L	98
25) Chloroform	7.68	83	212960	25.10	ug/L	99
27) 1,2-Dichloroethane	8.40	62	161428	26.27	ug/L	100
30) Cyclohexane	7.96	56	175741	23.23	ug/L	100
31) 1,1,1-Trichloroethane	7.87	97	166873	23.18	ug/L	98
32) Carbon tetrachloride	8.07	117	159796	22.98	ug/L	100
34) Benzene	8.32	78	463730	24.82	ug/L	100
35) Trichloroethene	9.09	95	118840	23.60	ug/L	99
36) Methylcyclohexane	9.34	83	200522	23.32	ug/L	99
40) 1,2-Dichloropropane	9.37	63	125123	25.45	ug/L	100
41) Bromodichloromethane	9.65	83	158972	25.15	ug/L	98
42) cis-1,3-Dichloropropene	10.08	75	179367	24.44	ug/L	100
43) 4-Methyl-2-pentanone	10.22	43	184920	52.64	ug/L	100
44) Toluene	10.39	91	500591	24.70	ug/L	99
45) trans-1,3-Dichloropropene	10.61	75	164365	24.75	ug/L	98
46) 1,1,2-Trichloroethane	10.79	97	93513	25.48	ug/L	99
47) Tetrachloroethene	10.87	164	96368	22.77	ug/L	98
49) 2-Hexanone	10.98	43	132514	50.62	ug/L	99
50) Dibromochloromethane	11.13	129	112602	25.20	ug/L	97
51) 1,2-Dibromoethane	11.24	107	91702	25.14	ug/L	98
52) Chlorobenzene	11.66	112	321527	24.43	ug/L	100
53) Ethylbenzene	11.74	91	561024	24.68	ug/L	100
54) m,p-Xylene	11.85	106	210978	24.99	ug/L	95
55) o-xylene	12.17	106	203105	25.29	ug/L	99
56) Styrene	12.19	104	359709	25.95	ug/L	100
57) Isopropylbenzene	12.47	105	551020	24.73	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	12.72	83	125793	26.00	ug/L	99
59) 1,2,3-Trichloropropane	12.77	75	95928	25.87	ug/L	100
62) Bromoform	12.35	173	70221	25.25	ug/L	98
63) 1,3-Dichlorobenzene	13.51	146	247337	24.34	ug/L	99
64) 1,4-Dichlorobenzene	13.58	146	259175	24.33	ug/L	99
65) 1,2-Dichlorobenzene	13.88	146	245056	25.26	ug/L	100
66) 1,2-Dibromo-3-chloropropan	14.49	75	21965	25.80	ug/L	94
67) 1,3,5-Trichlorobenzene	14.64	180	186205	23.58	ug/L	99
68) 1,2,4-trichlorobenzene	15.15	180	153607	23.90	ug/L	99
69) Naphthalene	15.38	128	323002	26.86	ug/L	100
70) 1,2,3-Trichlorobenzene	15.57	180	151093	25.65	ug/L	99

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

