

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW062118\
 Data File : VW003379.D
 Acq On : 21 Jun 2018 10:10
 Operator : SY/AP
 Sample : VSTDCCC025
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02594

Quant Time: Jun 22 04:33:58 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM062018S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Jun 21 05:02:42 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	422608	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.64	117	388328	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	198847	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	125672	21.93	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	87.72%
7) Chloroethane-d5	2.89	69	103316	21.60	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	86.40%
10) 1,1-Dichloroethene-d2	4.01	63	261648	22.99	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	91.96%
20) 2-Butanone-d5	7.09	46	73315	40.59	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	81.18%
24) Chloroform-d	7.65	84	246094	22.14	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	88.56%
26) 1,2-Dichloroethane-d4	8.31	65	145016	21.95	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	87.80%
29) Benzene-d6	8.28	84	473335	22.97	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	91.88%
33) 1,2-Dichloropropane-d6	9.28	67	148042	22.70	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	90.80%
37) Toluene-d8	10.33	98	456575	23.18	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	92.72%
38) trans-1,3-Dichloropropene-	10.59	79	69311	22.64	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	90.56%
39) 2-Hexanone-d5	10.93	63	57311	42.99	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	85.98%
48) 1,1,2,2-Tetrachloroethane-	12.70	84	130434	21.49	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	85.96%
61) 1,2-Dichlorobenzene-d4	13.87	152	164517	21.91	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	87.64%

Target Compounds

						Ovalue
2) Dichlorodifluoromethane	2.01	85	50588	21.79	ug/L	88
3) Chloromethane	2.21	50	114153	22.89	ug/L	96
5) Vinyl chloride	2.36	62	174081	24.12	ug/L	99
6) Bromomethane	2.78	94	98176	23.38	ug/L	98
8) Chloroethane	2.93	64	105104	23.90	ug/L	98
9) Trichlorofluoromethane	3.26	101	100794	24.35	ug/L	99
11) 1,1,2-Trichloro-1,2,2-trif	4.06	101	137913	24.68	ug/L	98
12) 1,1-Dichloroethene	4.03	96	130245	24.66	ug/L	90
13) Acetone	4.15	43	96092	49.92	ug/L	67
14) Carbon disulfide	4.37	76	426039	25.00	ug/L	99
15) Methyl Acetate	4.68	43	67151	21.28	ug/L	97
16) Methylene chloride	4.91	84	136002	23.36	ug/L	92
17) Methyl tert-butyl Ether	5.43	73	241395	24.77	ug/L	99
18) trans-1,2-Dichloroethene	5.42	96	135357	24.59	ug/L	95
19) 1,1-Dichloroethane	6.21	63	252650	24.60	ug/L	98
21) 2-Butanone	7.19	43	107711	47.61	ug/L	100
22) cis-1,2-Dichloroethene	7.17	96	144844	24.76	ug/L	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	7.51	128	66102	24.43	ug/L	97
25) Chloroform	7.68	83	261440	24.76	ug/L	99
27) 1,2-Dichloroethane	8.40	62	187428	24.51	ug/L	99
30) Cyclohexane	7.96	56	237173	26.45	ug/L	99
31) 1,1,1-Trichloroethane	7.87	97	216249	25.35	ug/L	99
32) Carbon tetrachloride	8.07	117	208332	25.28	ug/L	100
34) Benzene	8.33	78	568491	25.67	ug/L	100
35) Trichloroethene	9.09	95	149472	25.04	ug/L	99
36) Methylcyclohexane	9.34	83	268904	26.39	ug/L	100
40) 1,2-Dichloropropane	9.37	63	146246	25.10	ug/L	100
41) Bromodichloromethane	9.65	83	190597	25.45	ug/L	97
42) cis-1,3-Dichloropropene	10.08	75	226357	26.03	ug/L	99
43) 4-Methyl-2-pentanone	10.22	43	200127	48.07	ug/L	99
44) Toluene	10.39	91	621658	25.89	ug/L	99
45) trans-1,3-Dichloropropene	10.61	75	204403	25.97	ug/L	99
46) 1,1,2-Trichloroethane	10.79	97	109306	25.13	ug/L	97
47) Tetrachloroethene	10.87	164	125837	25.09	ug/L	97
49) 2-Hexanone	10.98	43	162981	52.53	ug/L	99
50) Dibromochloromethane	11.13	129	133812	25.27	ug/L	97
51) 1,2-Dibromoethane	11.24	107	105893	24.50	ug/L	99
52) Chlorobenzene	11.66	112	392311	25.16	ug/L	98
53) Ethylbenzene	11.74	91	711245	26.40	ug/L	99
54) m,p-Xylene	11.85	106	265209	26.51	ug/L	100
55) o-xylene	12.18	106	253826	26.67	ug/L	95
56) Styrene	12.19	104	435897	26.53	ug/L	100
57) Isopropylbenzene	12.47	105	708255	26.82	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	12.72	83	137812	24.03	ug/L	100
59) 1,2,3-Trichloropropane	12.77	75	102341	23.28	ug/L	100
62) Bromoform	12.35	173	79587	23.78	ug/L	99
63) 1,3-Dichlorobenzene	13.51	146	309327	25.30	ug/L	99
64) 1,4-Dichlorobenzene	13.58	146	321163	25.05	ug/L	99
65) 1,2-Dichlorobenzene	13.88	146	293631	25.15	ug/L	100
66) 1,2-Dibromo-3-chloropropan	14.49	75	23269	22.71	ug/L	100
67) 1,3,5-Trichlorobenzene	14.64	180	242974	25.57	ug/L	99
68) 1,2,4-trichlorobenzene	15.15	180	198377	25.65	ug/L	99
69) Naphthalene	15.38	128	360866	24.94	ug/L	100
70) 1,2,3-Trichlorobenzene	15.57	180	181982	25.67	ug/L	99

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

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