

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW082318\
 Data File : VW004937.D
 Acq On : 24 Aug 2018 15:33
 Operator : SY/AP
 Sample : VSTDCCC025EC
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02590

Quant Time: Aug 24 23:10:21 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM082218S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Aug 24 08:18:56 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	597819	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	612647	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	318872	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	234632	20.77	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	83.08%
7) Chloroethane-d5	2.89	69	182198	21.75	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	87.00%
10) 1,1-Dichloroethene-d2	4.03	63	314009	21.76	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	87.04%
20) 2-Butanone-d5	7.09	46	121967	53.04	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	106.08%
24) Chloroform-d	7.66	84	306952	23.13	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	92.52%
26) 1,2-Dichloroethane-d4	8.31	65	172677	23.94	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	95.76%
29) Benzene-d6	8.28	84	768301	24.38	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	97.52%
33) 1,2-Dichloropropane-d6	9.28	67	220759	23.84	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	95.36%
37) Toluene-d8	10.33	98	810634	24.28	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	97.12%
38) trans-1,3-Dichloropropene-	10.59	79	94605	23.75	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	95.00%
39) 2-Hexanone-d5	10.93	63	127878	55.75	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	111.50%
48) 1,1,2,2-Tetrachloroethane-	12.70	84	242150	26.03	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	104.12%
61) 1,2-Dichlorobenzene-d4	13.86	152	307799	24.03	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	96.12%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	2.00	85	279465	24.85	ug/L	99
3) Chloromethane	2.22	50	319806	25.09	ug/L	100
5) Vinyl chloride	2.36	62	322665	25.00	ug/L	100
6) Bromomethane	2.78	94	182574	27.00	ug/L	99
8) Chloroethane	2.92	64	180875	25.07	ug/L	96
9) Trichlorofluoromethane	3.26	101	320434	24.53	ug/L	100
11) 1,1,2-Trichloro-1,2,2-trif	4.07	101	198483	25.40	ug/L	99
12) 1,1-Dichloroethene	4.04	96	171760	24.68	ug/L	95
13) Acetone	4.15	43	88263	49.55	ug/L	99
14) Carbon disulfide	4.39	76	687817	23.85	ug/L	100
15) Methyl Acetate	4.68	43	110144	27.35	ug/L	98
16) Methylene chloride	4.92	84	262203	22.62	ug/L	97
17) Methyl tert-butyl Ether	5.44	73	418561	27.84	ug/L	99
18) trans-1,2-Dichloroethene	5.43	96	185750	25.63	ug/L	93
19) 1,1-Dichloroethane	6.23	63	330722	25.00	ug/L	96
21) 2-Butanone	7.18	43	148798	54.25	ug/L	99
22) cis-1,2-Dichloroethene	7.18	96	197353	25.23	ug/L	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	7.52	128	104751	25.37	ug/L	98
25) Chloroform	7.68	83	339359	25.59	ug/L	99
27) 1,2-Dichloroethane	8.41	62	223460	25.71	ug/L	98
30) Cyclohexane	7.96	56	353643	27.12	ug/L	97
31) 1,1,1-Trichloroethane	7.88	97	313093	26.53	ug/L	99
32) Carbon tetrachloride	8.07	117	283312	26.84	ug/L	98
34) Benzene	8.33	78	919478	26.32	ug/L	100
35) Trichloroethene	9.10	95	225722	25.99	ug/L	99
36) Methylcyclohexane	9.34	83	407522	25.36	ug/L	99
40) 1,2-Dichloropropane	9.38	63	225411	26.23	ug/L	99
41) Bromodichloromethane	9.65	83	252041	26.62	ug/L	97
42) cis-1,3-Dichloropropene	10.08	75	316252	26.51	ug/L	99
43) 4-Methyl-2-pentanone	10.22	43	365210	57.57	ug/L	99
44) Toluene	10.40	91	1115956	26.60	ug/L	99
45) trans-1,3-Dichloropropene	10.61	75	287258	26.55	ug/L	98
46) 1,1,2-Trichloroethane	10.79	97	179191	26.72	ug/L	98
47) Tetrachloroethene	10.87	164	221251	26.02	ug/L	98
49) 2-Hexanone	10.98	43	296298	60.44	ug/L	99
50) Dibromochloromethane	11.13	129	198045	26.60	ug/L	100
51) 1,2-Dibromoethane	11.24	107	174942	26.57	ug/L	98
52) Chlorobenzene	11.66	112	718645	25.79	ug/L	99
53) Ethylbenzene	11.74	91	1245068	26.38	ug/L	97
54) m,p-Xylene	11.85	106	489376	26.72	ug/L	98
55) o-xylene	12.17	106	456071	26.65	ug/L	97
56) Styrene	12.19	104	799844	27.21	ug/L	100
57) Isopropylbenzene	12.47	105	1229543	26.90	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	12.72	83	262246	27.43	ug/L	98
59) 1,2,3-Trichloropropane	12.77	75	202049	27.43	ug/L	99
62) Bromoform	12.35	173	135713	26.84	ug/L	99
63) 1,3-Dichlorobenzene	13.51	146	571059	25.99	ug/L	96
64) 1,4-Dichlorobenzene	13.59	146	590417	25.67	ug/L	99
65) 1,2-Dichlorobenzene	13.88	146	557895	26.50	ug/L	99
66) 1,2-Dibromo-3-chloropropan	14.49	75	48353	27.09	ug/L	98
67) 1,3,5-Trichlorobenzene	14.64	180	468453	26.65	ug/L	99
68) 1,2,4-trichlorobenzene	15.14	180	381996	26.91	ug/L	100
69) Naphthalene	15.38	128	844142	29.26	ug/L	99
70) 1,2,3-Trichlorobenzene	15.57	180	376339	28.15	ug/L	99

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

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