

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW072718\
 Data File : VW004241.D
 Acq On : 26 Jul 2018 21:09
 Operator : SY/AP
 Sample : VSTDCCC025EC
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02592

Quant Time: Jul 27 02:56:46 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM072618S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jul 27 02:54:01 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	331990	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	318035	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	162698	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.34	65	77633	23.23	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	92.92%
7) Chloroethane-d5	2.89	69	57161	23.51	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	94.04%
10) 1,1-Dichloroethene-d2	4.01	63	202058	25.33	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	101.32%
20) 2-Butanone-d5	7.09	46	91316	48.26	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	96.52%
24) Chloroform-d	7.65	84	223931	26.34	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	105.36%
26) 1,2-Dichloroethane-d4	8.31	65	134994	26.40	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	105.60%
29) Benzene-d6	8.28	84	436755	25.91	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	103.64%
33) 1,2-Dichloropropane-d6	9.27	67	144663	25.80	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	103.20%
37) Toluene-d8	10.33	98	419990	26.36	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	105.44%
38) trans-1,3-Dichloropropene-	10.58	79	65618	25.79	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	103.16%
39) 2-Hexanone-d5	10.93	63	72983	49.54	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	99.08%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	147349	25.74	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	102.96%
61) 1,2-Dichlorobenzene-d4	13.86	152	154585	25.42	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	101.68%

Target Compounds

						Ovalue
2) Dichlorodifluoromethane	2.00	85	52586	23.81	ug/L	91
3) Chloromethane	2.21	50	81261	26.07	ug/L	95
5) Vinyl chloride	2.36	62	98928	23.78	ug/L	95
6) Bromomethane	2.78	94	55837	23.96	ug/L	100
8) Chloroethane	2.92	64	53164	23.78	ug/L	97
9) Trichlorofluoromethane	3.25	101	44752	22.23	ug/L	100
11) 1,1,2-Trichloro-1,2,2-trif	4.05	101	106234	26.78	ug/L	97
12) 1,1-Dichloroethene	4.03	96	99706	25.97	ug/L	95
13) Acetone	4.12	43	77917	40.78	ug/L	99
14) Carbon disulfide	4.37	76	322937	26.12	ug/L	99
15) Methyl Acetate	4.67	43	78602	24.73	ug/L	99
16) Methylene chloride	4.90	84	119951	25.77	ug/L	99
17) Methyl tert-butyl Ether	5.43	73	207109	27.17	ug/L	99
18) trans-1,2-Dichloroethene	5.42	96	104860	25.93	ug/L	97
19) 1,1-Dichloroethane	6.21	63	208761	26.50	ug/L	98
21) 2-Butanone	7.18	43	107644	44.70	ug/L	99
22) cis-1,2-Dichloroethene	7.17	96	118603	26.38	ug/L	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	7.51	128	57074	26.82	ug/L	93
25) Chloroform	7.68	83	212625	26.33	ug/L	99
27) 1,2-Dichloroethane	8.40	62	155657	26.20	ug/L	98
30) Cyclohexane	7.96	56	176480	25.08	ug/L	99
31) 1,1,1-Trichloroethane	7.87	97	161336	25.14	ug/L	100
32) Carbon tetrachloride	8.07	117	154006	24.67	ug/L	99
34) Benzene	8.32	78	476311	26.05	ug/L	100
35) Trichloroethene	9.09	95	117924	24.52	ug/L	100
36) Methylcyclohexane	9.34	83	201266	25.04	ug/L	99
40) 1,2-Dichloropropane	9.37	63	131144	26.42	ug/L	99
41) Bromodichloromethane	9.65	83	158421	25.84	ug/L	98
42) cis-1,3-Dichloropropene	10.07	75	183528	25.42	ug/L	99
43) 4-Methyl-2-pentanone	10.21	43	217025	49.07	ug/L	100
44) Toluene	10.39	91	503956	26.08	ug/L	99
45) trans-1,3-Dichloropropene	10.61	75	168418	25.43	ug/L	98
46) 1,1,2-Trichloroethane	10.79	97	99174	25.73	ug/L	99
47) Tetrachloroethene	10.87	164	95016	24.69	ug/L	97
49) 2-Hexanone	10.98	43	160470	46.31	ug/L	98
50) Dibromochloromethane	11.13	129	112762	25.65	ug/L	99
51) 1,2-Dibromoethane	11.24	107	96182	25.59	ug/L	98
52) Chlorobenzene	11.66	112	314109	25.50	ug/L	97
53) Ethylbenzene	11.74	91	533310	25.58	ug/L	99
54) m,p-Xylene	11.84	106	204020	26.01	ug/L	99
55) o-xylene	12.17	106	193559	26.37	ug/L	100
56) Styrene	12.19	104	355889	27.97	ug/L	100
57) Isopropylbenzene	12.47	105	526253	26.39	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	12.72	83	135721	24.70	ug/L	95
59) 1,2,3-Trichloropropane	12.77	75	103092	24.40	ug/L	97
62) Bromoform	12.35	173	71339	24.42	ug/L	99
63) 1,3-Dichlorobenzene	13.51	146	238591	24.92	ug/L	98
64) 1,4-Dichlorobenzene	13.59	146	256804	25.41	ug/L	98
65) 1,2-Dichlorobenzene	13.88	146	239409	25.67	ug/L	96
66) 1,2-Dibromo-3-chloropropan	14.49	75	23926	22.84	ug/L	94
67) 1,3,5-Trichlorobenzene	14.64	180	183624	24.80	ug/L	99
68) 1,2,4-trichlorobenzene	15.15	180	152513	25.25	ug/L	100
69) Naphthalene	15.38	128	345651	24.91	ug/L	100
70) 1,2,3-Trichlorobenzene	15.57	180	153022	26.19	ug/L	99

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

