

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW050719\
 Data File : VW010299.D
 Acq On : 07 May 2019 14:59
 Operator : SY/VA
 Sample : K2690-01
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 A5106

Quant Time: May 08 05:18:41 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM050719S.M
 Quant Title : VOC Analysis
 QLast Update : Wed May 08 02:05:40 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	575410	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	538663	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	268619	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	167491	25.00	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	100.00%
7) Chloroethane-d5	2.89	69	119596	21.34	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	85.36%
10) 1,1-Dichloroethene-d2	4.01	63	352906	21.14	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	84.56%
20) 2-Butanone-d5	7.08	46	176957	57.01	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	114.02%
24) Chloroform-d	7.64	84	364827	23.80	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	95.20%
26) 1,2-Dichloroethane-d4	8.30	65	214054	23.59	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	94.36%
29) Benzene-d6	8.27	84	723256	24.72	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	98.88%
33) 1,2-Dichloropropane-d6	9.27	67	217725	24.34	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	97.36%
37) Toluene-d8	10.32	98	654390	25.09	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	100.36%
38) trans-1,3-Dichloropropene-	10.57	79	101761	24.88	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	99.52%
39) 2-Hexanone-d5	10.93	63	137011	59.94	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	119.88%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	222697	26.18	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	104.72%
61) 1,2-Dichlorobenzene-d4	13.86	152	220925	24.10	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	96.40%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	2.01	85	86432	11.237	ug/L	96
5) Vinyl chloride	2.37	62	102880	11.853	ug/L	96
8) Chloroethane	2.92	64	83745	16.027	ug/L	98
12) 1,1-Dichloroethene	4.03	96	109904	14.069	ug/L #	83
13) Acetone	4.13	43	419265	157.853	ug/L	99
14) Carbon disulfide	4.37	76	508456	21.269	ug/L	97
16) Methylene chloride	4.91	84	248057	31.844	ug/L	96
18) trans-1,2-Dichloroethene	5.41	96	209818	26.038	ug/L	98
19) 1,1-Dichloroethane	6.21	63	158245	10.245	ug/L	97
22) cis-1,2-Dichloroethene	7.16	96	263421	31.658	ug/L	98
23) Bromochloromethane	7.51	128	148563	39.795	ug/L	98
25) Chloroform	7.67	83	176314	11.559	ug/L	100
31) 1,1,1-Trichloroethane	7.87	97	476562	38.849	ug/L	99
32) Carbon tetrachloride	8.07	117	179970	14.761	ug/L	100
35) Trichloroethene	9.09	95	274119	31.379	ug/L	99
40) 1,2-Dichloropropane	9.37	63	164166	19.458	ug/L	98
41) Bromodichloromethane	9.64	83	135725	12.432	ug/L #	99

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42) cis-1,3-Dichloropropene	10.07	75	140545	11.132	ug/L	99
43) 4-Methyl-2-pentanone	10.21	43	326303	43.414	ug/L	99
45) trans-1,3-Dichloropropene	10.60	75	229792	21.109	ug/L	99
46) 1,1,2-Trichloroethane	10.79	97	66113	10.491	ug/L	98
47) Tetrachloroethene	10.86	164	138877	21.025	ug/L	97
49) 2-Hexanone	10.97	43	331145	58.096	ug/L	96
50) Dibromochloromethane	11.13	129	92863	12.811	ug/L	96
51) 1,2-Dibromoethane	11.23	107	128661	20.728	ug/L	98
56) Styrene	12.18	104	419312	18.565	ug/L	96
58) 1,1,2,2-Tetrachloroethane	12.71	83	256657	29.634	ug/L	99
62) Bromoform	12.35	173	91933	19.900	ug/L	99
63) 1,3-Dichlorobenzene	13.50	146	422129	26.393	ug/L	98
66) 1,2-Dibromo-3-chloropropan	14.49	75	74586	40.674	ug/L	94
70) 1,2,3-Trichlorobenzene	15.56	180	89188	9.793	ug/L	99

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

