

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW071719\
 Data File : VW011300.D
 Acq On : 17 Jul 2019 10:54
 Operator : SY/VA
 Sample : K3770-06
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 X2H36

Quant Time: Jul 18 05:34:04 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM070219S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Jul 18 04:56:38 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	355335	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	320188	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	159661	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	105050	19.36	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	77.44%
7) Chloroethane-d5	2.89	69	76159	20.01	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	80.04%
10) 1,1-Dichloroethene-d2	4.02	63	214572	18.67	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	74.68%
20) 2-Butanone-d5	7.07	46	93021	43.52	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	87.04%
24) Chloroform-d	7.65	84	213304	21.90	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	87.60%
26) 1,2-Dichloroethane-d4	8.30	65	129617	21.61	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	86.44%
29) Benzene-d6	8.27	84	429040	21.75	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	87.00%
33) 1,2-Dichloropropane-d6	9.27	67	142512	22.19	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	88.76%
37) Toluene-d8	10.32	98	379882	21.61	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	86.44%
38) trans-1,3-Dichloropropene-	10.58	79	59008	21.60	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	86.40%
39) 2-Hexanone-d5	10.93	63	64617	43.87	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	87.74%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	120555	22.69	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	90.76%
61) 1,2-Dichlorobenzene-d4	13.85	152	130264	21.26	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	85.04%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	2.01	85	53730	12.294	ug/L	99
5) Vinyl chloride	2.35	62	73732	11.906	ug/L	100
8) Chloroethane	2.92	64	54765	17.496	ug/L	99
12) 1,1-Dichloroethene	4.03	96	63079	13.508	ug/L #	75
13) Acetone	4.12	43	294002	140.831	ug/L	99
14) Carbon disulfide	4.38	76	318467	23.841	ug/L	99
16) Methylene chloride	4.92	84	159075	30.465	ug/L	98
18) trans-1,2-Dichloroethene	5.42	96	126384	26.784	ug/L	98
19) 1,1-Dichloroethane	6.21	63	102589	10.709	ug/L	99
22) cis-1,2-Dichloroethene	7.16	96	158686	31.068	ug/L	99
23) Bromochloromethane	7.51	128	83487	38.955	ug/L	97
25) Chloroform	7.67	83	103916	11.452	ug/L	98
31) 1,1,1-Trichloroethane	7.87	97	283346	42.638	ug/L	100
32) Carbon tetrachloride	8.07	117	98372	15.784	ug/L	99
35) Trichloroethene	9.09	95	164834	32.641	ug/L	99
40) 1,2-Dichloropropane	9.37	63	109206	19.915	ug/L	99
41) Bromodichloromethane	9.64	83	79913	12.640	ug/L	97

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42) cis-1,3-Dichloropropene	10.07	75	90757	11.217	uq/L	98
43) 4-Methyl-2-pentanone	10.21	43	187701	36.926	uq/L	99
45) trans-1,3-Dichloropropene	10.60	75	138300	20.658	uq/L	99
46) 1,1,2-Trichloroethane	10.79	97	38695	10.190	uq/L	96
47) Tetrachloroethene	10.86	164	80651	21.132	uq/L	98
49) 2-Hexanone	10.97	43	201079	54.345	uq/L	98
50) Dibromochloromethane	11.13	129	50920	12.593	uq/L	100
51) 1,2-Dibromoethane	11.23	107	70866	19.327	uq/L	96
56) Styrene	12.18	104	265942	19.105	uq/L	95
58) 1,1,2,2-Tetrachloroethane	12.71	83	137824	27.283	uq/L	99
62) Bromoform	12.35	173	46651	19.605	uq/L	100
63) 1,3-Dichlorobenzene	13.50	146	248356	25.283	uq/L	99
66) 1,2-Dibromo-3-chloropropan	14.49	75	32374	36.063	uq/L	99
70) 1,2,3-Trichlorobenzene	15.56	180	48869	8.566	uq/L	97

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

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