

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV050919\
 Data File : VV010807.D
 Acq On : 10 May 2019 11:27
 Operator : SY/MD
 Sample : K2692-07
 Misc : 5.00G/10ML/MSVOA V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 A5107

Quant Time: May 10 23:33:22 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM050719S.M
 Quant Title : VOC Analysis
 QLast Update : Fri May 10 22:59:03 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	99117	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	99668	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	47076	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	31699	20.59	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	82.36%
7) Chloroethane-d5	1.57	69	27744	21.90	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	87.60%
10) 1,1-Dichloroethene-d2	2.12	63	62531	18.72	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	74.88%
20) 2-Butanone-d5	3.93	46	19318	41.81	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	83.62%
24) Chloroform-d	4.40	84	60397	22.35	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	89.40%
26) 1,2-Dichloroethane-d4	5.08	65	37919	22.47	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	89.88%
29) Benzene-d6	5.10	84	117157	22.33	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	89.32%
33) 1,2-Dichloropropane-d6	6.12	67	38078	22.78	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	91.12%
37) Toluene-d8	7.36	98	111523	22.20	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	88.80%
38) trans-1,3-Dichloropropene-	7.66	79	16038	21.05	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	84.20%
39) 2-Hexanone-d5	8.13	63	14045	40.15	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	80.30%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	32891	20.94	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	83.76%
61) 1,2-Dichlorobenzene-d4	11.67	152	39366	21.59	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	86.36%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	1.14	85	16616	12.104	ug/L	98
5) Vinyl chloride	1.32	62	21572	11.125	ug/L	97
8) Chloroethane	1.59	64	21036	17.420	ug/L	100
12) 1,1-Dichloroethene	2.14	96	17246	11.052	ug/L #	76
13) Acetone	2.19	43	91158	127.436	ug/L	99
14) Carbon disulfide	2.31	76	81251	21.189	ug/L	98
16) Methylene chloride	2.53	84	45360	29.598	ug/L	97
18) trans-1,2-Dichloroethene	2.79	96	34088	24.168	ug/L	96
19) 1,1-Dichloroethane	3.23	63	27292	10.023	ug/L	98
22) cis-1,2-Dichloroethene	3.96	96	46235	28.695	ug/L	98
23) Bromochloromethane	4.30	128	26383	36.426	ug/L	92
25) Chloroform	4.42	83	33383	11.128	ug/L	97
31) 1,1,1-Trichloroethane	4.66	97	98916	39.804	ug/L	100
32) Carbon tetrachloride	4.87	117	30957	14.301	ug/L	94
35) Trichloroethene	5.96	95	48967	29.878	ug/L	98
40) 1,2-Dichloropropane	6.22	63	29498	18.952	ug/L	100
41) Bromodichloromethane	6.55	83	24553	11.481	ug/L	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) cis-1,3-Dichloropropene	7.07	75	24211	9.835	ug/L	99
43) 4-Methyl-2-pentanone	7.27	43	41148	31.407	ug/L	98
45) trans-1,3-Dichloropropene	7.69	75	36473	17.594	ug/L	98
46) 1,1,2-Trichloroethane	7.88	97	11933	9.332	ug/L	97
47) Tetrachloroethene	8.02	164	22628	19.065	ug/L	91
49) 2-Hexanone	8.18	43	47337	47.522	ug/L	96
50) Dibromochloromethane	8.29	129	16408	11.159	ug/L	99
51) 1,2-Dibromoethane	8.40	107	21583	17.477	ug/L	99
56) Styrene	9.60	104	76804	15.904	ug/L	98
58) 1,1,2,2-Tetrachloroethane	10.29	83	37585	22.436	ug/L	97
62) Bromoform	9.78	173	13085	16.323	ug/L	98
63) 1,3-Dichlorobenzene	11.23	146	76078	23.216	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.48	75	8772	29.702	ug/L	92
70) 1,2,3-Trichlorobenzene	13.79	180	12360	7.214	ug/L	97

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

