

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV050919\
 Data File : VV010814.D
 Acq On : 10 May 2019 15:09
 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 23:55:02 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	85523	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	86538	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	42043	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	31091	23.40	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	93.60%
7) Chloroethane-d5	1.57	69	29200	26.71	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	106.84%
10) 1,1-Dichloroethene-d2	2.13	63	62578	21.71	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	86.84%
20) 2-Butanone-d5	3.94	46	18881	47.36	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	94.72%
24) Chloroform-d	4.40	84	60994	26.16	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	104.64%
26) 1,2-Dichloroethane-d4	5.08	65	38947	26.75	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	107.00%
29) Benzene-d6	5.10	84	120321	26.42	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	105.68%
33) 1,2-Dichloropropane-d6	6.12	67	38299	26.39	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	105.56%
37) Toluene-d8	7.36	98	112766	25.85	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	103.40%
38) trans-1,3-Dichloropropene-	7.66	79	16239	24.54	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	98.16%
39) 2-Hexanone-d5	8.13	63	14409	47.44	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	94.88%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	33934	24.88	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	99.52%
61) 1,2-Dichlorobenzene-d4	11.67	152	41226	25.32	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	101.28%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	1.14	85	14564	12.296	ug/L	98
5) Vinyl chloride	1.32	62	19796	11.832	ug/L	98
8) Chloroethane	1.59	64	19938	19.135	ug/L	98
12) 1,1-Dichloroethene	2.14	96	15107	11.220	ug/L #	45
13) Acetone	2.19	43	84882	137.524	ug/L	100
14) Carbon disulfide	2.31	76	71183	21.514	ug/L	99
16) Methylene chloride	2.53	84	45504	34.411	ug/L	97
18) trans-1,2-Dichloroethene	2.79	96	31626	25.986	ug/L	99
19) 1,1-Dichloroethane	3.23	63	24063	10.242	ug/L	99
22) cis-1,2-Dichloroethene	3.96	96	41928	30.158	ug/L	96
23) Bromochloromethane	4.30	128	23688	37.904	ug/L	97
25) Chloroform	4.43	83	29891	11.548	ug/L	94
31) 1,1,1-Trichloroethane	4.66	97	87386	40.499	ug/L	99
32) Carbon tetrachloride	4.87	117	27907	14.848	ug/L	98
35) Trichloroethene	5.96	95	43977	30.905	ug/L	98
40) 1,2-Dichloropropane	6.22	63	26461	19.580	ug/L	99
41) Bromodichloromethane	6.56	83	22496	12.115	ug/L #	97

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV050919\
 Data File : VV010814.D
 Acq On : 10 May 2019 15:09
 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 23:55:02 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)
42) cis-1,3-Dichloropropene	7.07	75	21452	10.036	ug/L	98
43) 4-Methyl-2-pentanone	7.27	43	37996	33.401	ug/L	99
45) trans-1,3-Dichloropropene	7.69	75	33539	18.634	ug/L	96
46) 1,1,2-Trichloroethane	7.88	97	10477	9.437	ug/L	96
47) Tetrachloroethene	8.02	164	20288	19.687	ug/L	96
49) 2-Hexanone	8.18	43	44653	51.629	ug/L	99
50) Dibromochloromethane	8.29	129	14586	11.425	ug/L	100
51) 1,2-Dibromoethane	8.40	107	19368	18.063	ug/L	99
56) Styrene	9.60	104	69944	16.681	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.29	83	36311	24.964	ug/L	99
62) Bromoform	9.77	173	12498	17.457	ug/L	98
63) 1,3-Dichlorobenzene	11.22	146	70835	24.204	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.48	75	7982	30.263	ug/L	90
70) 1,2,3-Trichlorobenzene	13.79	180	10819	7.071	ug/L	94

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

