

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV041019\
 Data File : VV010231.D
 Acq On : 11 Apr 2019 00:53
 Operator : SY/MD
 Sample : K2278-01
 Misc : 5.00G/10mL/MSVOA V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 DB6W8

Quant Time: Apr 11 08:59:13 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM041019S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Apr 11 07:05:16 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	270633	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	269456	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	129383	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	68712	22.06	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	88.24%
7) Chloroethane-d5	1.56	69	69800	26.07	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	104.28%
10) 1,1-Dichloroethene-d2	2.12	63	174789	22.04	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	88.16%
20) 2-Butanone-d5	3.93	46	49177	62.38	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	124.76%
24) Chloroform-d	4.40	84	150996	24.43	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	97.72%
26) 1,2-Dichloroethane-d4	5.08	65	97681	27.75	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	111.00%
29) Benzene-d6	5.10	84	333527	25.67	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	102.68%
33) 1,2-Dichloropropane-d6	6.12	67	100949	26.12	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	104.48%
37) Toluene-d8	7.36	98	324217	25.59	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	102.36%
38) trans-1,3-Dichloropropene-	7.66	79	42708	26.51	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	106.04%
39) 2-Hexanone-d5	8.13	63	37239	55.79	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	111.58%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	97898	28.22	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	112.88%
61) 1,2-Dichlorobenzene-d4	11.67	152	125844	26.34	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	105.36%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
3) Chloromethane	1.25	50	65458	18.394	ug/L	99
6) Bromomethane	1.51	94	26745	8.623	ug/L	100
9) Trichlorofluoromethane	1.76	101	96060	12.394	ug/L	99
12) 1,1-Dichloroethene	2.13	96	72128	20.201	ug/L	85
13) Acetone	2.19	43	55420	65.793	ug/L	92
15) Methyl Acetate	2.45	43	66739	44.486	ug/L	95
16) Methylene chloride	2.53	84	53735	10.139	ug/L	98
17) Methyl tert-butyl Ether	2.80	73	271418	35.128	ug/L	99
18) trans-1,2-Dichloroethene	2.79	96	33197	9.785	ug/L	97
22) cis-1,2-Dichloroethene	3.96	96	97191	26.329	ug/L	99
23) Bromochloromethane	4.29	128	29003	15.956	ug/L	98
27) 1,2-Dichloroethane	5.18	62	45660	10.763	ug/L	99
30) Cyclohexane	4.72	56	40357	7.998	ug/L	99
31) 1,1,1-Trichloroethane	4.65	97	52770	9.362	ug/L	100
32) Carbon tetrachloride	4.87	117	54317	10.341	ug/L	99
35) Trichloroethene	5.96	95	145497	36.867	ug/L	98
36) Methylcyclohexane	6.17	83	128368	21.768	ug/L	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

40) 1,2-Dichloropropane	6.22	63	44245	13.238	ug/L	98
41) Bromodichloromethane	6.55	83	89673	20.136	ug/L	99
42) cis-1,3-Dichloropropene	7.07	75	84329	16.650	ug/L	98
44) Toluene	7.43	91	300712	19.583	ug/L	100
45) trans-1,3-Dichloropropene	7.69	75	37175	8.746	ug/L	99
47) Tetrachloroethene	8.02	164	120008	34.302	ug/L	95
49) 2-Hexanone	8.18	43	52272	36.753	ug/L	98
50) Dibromochloromethane	8.29	129	68866	19.857	ug/L	97
53) Ethylbenzene	9.05	91	236486	13.966	ug/L	100
54) m,p-Xylene	9.19	106	60465	9.052	ug/L	96
55) o-xylene	9.59	106	77114	11.593	ug/L	90
57) Isopropylbenzene	9.97	105	194171	11.485	ug/L	98
63) 1,3-Dichlorobenzene	11.23	146	161426	20.122	ug/L	96
65) 1,2-Dichlorobenzene	11.69	146	77620	10.136	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.48	75	8551	19.739	ug/L	92

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

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