

Data File : VV011140.D
Acq On : 30 May 2019 16:43
Operator : SY/MD
Sample : K3081-06
Misc : 5.00G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
GALD6

Quant Time: May 31 02:01:49 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM053019S.M
Quant Title : VOC Analysis
QLast Update : Fri May 31 01:43:46 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	353867	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	328378	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	157040	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	112956	23.59	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	94.36%
7) Chloroethane-d5	1.56	69	89002	24.18	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	96.72%
10) 1,1-Dichloroethene-d2	2.12	63	232753	23.68	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	94.72%
20) 2-Butanone-d5	3.93	46	85184	48.68	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	97.36%
24) Chloroform-d	4.39	84	202472	23.41	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	93.64%
26) 1,2-Dichloroethane-d4	5.08	65	134292	23.82	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	95.28%
29) Benzene-d6	5.09	84	450850	25.28	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	101.12%
33) 1,2-Dichloropropane-d6	6.11	67	142334	24.91	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	99.64%
37) Toluene-d8	7.36	98	429970	25.55	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	102.20%
38) trans-1,3-Dichloropropene-	7.66	79	64005	24.75	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	99.00%
39) 2-Hexanone-d5	8.13	63	64195	49.43	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	98.86%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	128748	25.00	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	100.00%
61) 1,2-Dichlorobenzene-d4	11.67	152	149762	25.49	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	101.96%

Target Compounds

					Qvalue
3) Chloromethane	1.25	50	114384	20.473 ug/L	100
6) Bromomethane	1.51	94	29577	9.850 ug/L	98
9) Trichlorofluoromethane	1.75	101	123333	15.389 ug/L	99
12) 1,1-Dichloroethene	2.13	96	88165	22.173 ug/L	96
13) Acetone	2.19	43	161214	79.191 ug/L	98
15) Methyl Acetate	2.45	43	106745	34.847 ug/L	100
16) Methylene chloride	2.53	84	56937	10.558 ug/L	97
17) Methyl tert-butyl Ether	2.80	73	408850	29.660 ug/L	99
18) trans-1,2-Dichloroethene	2.78	96	50046	10.333 ug/L	97
22) cis-1,2-Dichloroethene	3.96	96	134951	24.947 ug/L	98
23) Bromochloromethane	4.29	128	34122	14.335 ug/L	91
27) 1,2-Dichloroethane	5.18	62	66838	9.533 ug/L	97
30) Cyclohexane	4.71	56	96127	10.947 ug/L	97
31) 1,1,1-Trichloroethane	4.65	97	79781	10.609 ug/L	99
32) Carbon tetrachloride	4.87	117	82785	12.985 ug/L	100
35) Trichloroethene	5.96	95	205724	40.304 ug/L	99
36) Methylcyclohexane	6.17	83	230740	26.713 ug/L	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
40) 1,2-Dichloropropane	6.22	63	66043	12.906	ug/L	100
41) Bromodichloromethane	6.55	83	132656	19.903	ug/L	98
42) cis-1,3-Dichloropropene	7.07	75	140391	17.257	ug/L	98
44) Toluene	7.43	91	448798	21.121	ug/L	99
45) trans-1,3-Dichloropropene	7.69	75	56610	8.153	ug/L	99
47) Tetrachloroethene	8.02	164	156019	41.247	ug/L	97
49) 2-Hexanone	8.18	43	155348	46.381	ug/L	99
50) Dibromochloromethane	8.29	129	86433	19.162	ug/L	98
53) Ethylbenzene	9.05	91	378973	15.543	ug/L	99
54) m,p-Xylene	9.18	106	92395	10.188	ug/L	99
55) o-xylene	9.59	106	113650	12.742	ug/L	97
57) Isopropylbenzene	9.97	105	308385	12.949	ug/L	100
63) 1,3-Dichlorobenzene	11.22	146	209694	20.613	ug/L	99
65) 1,2-Dichlorobenzene	11.69	146	100314	10.415	ug/L	100
66) 1,2-Dibromo-3-chloropropan	12.48	75	17370	18.587	ug/L	96

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

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