

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW052620\
 Data File : VW015474.D
 Acq On : 26 May 2020 16:11
 Operator : SY/VA
 Sample : L2754-09
 Misc : 5.00G/10.0mL/MSVOA W/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GAX97

Quant Time: May 27 16:31:13 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM052620S.M
 Quant Title : VOC Analysis
 QLast Update : Tue May 26 12:41:08 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	389749	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	351892	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	169379	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	69481	19.45	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	77.80%
7) Chloroethane-d5	2.89	69	73883	20.80	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	83.20%
10) 1,1-Dichloroethene-d2	4.02	63	175550	20.17	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	80.68%
20) 2-Butanone-d5	7.08	46	59398	50.94	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	101.88%
24) Chloroform-d	7.65	84	187638	20.82	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	83.28%
26) 1,2-Dichloroethane-d4	8.31	65	113551	22.65	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	90.60%
29) Benzene-d6	8.27	84	370442	21.47	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	85.88%
33) 1,2-Dichloropropane-d6	9.27	67	115183	21.96	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	87.84%
37) Toluene-d8	10.32	98	351252	20.94	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	83.76%
38) trans-1,3-Dichloropropene-	10.58	79	54385	22.42	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	89.68%
39) 2-Hexanone-d5	10.93	63	46932	51.69	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	103.38%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	95145	24.09	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	96.36%
61) 1,2-Dichlorobenzene-d4	13.85	152	125521	22.11	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	88.44%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
3) Chloromethane	2.21	50	68700	18.125	ug/L	100
6) Bromomethane	2.78	94	33018	8.912	ug/L	98
9) Trichlorofluoromethane	3.26	101	57727	14.231	ug/L	96
12) 1,1-Dichloroethene	4.04	96	96313	20.724	ug/L	90
13) Acetone	4.12	43	96343	106.872	ug/L	99
15) Methyl Acetate	4.67	43	85251	43.711	ug/L	99
16) Methylene chloride	4.91	84	56192	11.747	ug/L	94
17) Methyl tert-butyl Ether	5.43	73	241477	32.743	ug/L	99
18) trans-1,2-Dichloroethene	5.42	96	51579	10.356	ug/L	98
22) cis-1,2-Dichloroethene	7.17	96	135552	26.090	ug/L	98
23) Bromochloromethane	7.51	128	33827	15.098	ug/L	97
27) 1,2-Dichloroethane	8.40	62	66073	10.828	ug/L	99
30) Cyclohexane	7.96	56	88036	10.121	ug/L	99
31) 1,1,1-Trichloroethane	7.87	97	79117	10.050	ug/L	100
32) Carbon tetrachloride	8.07	117	92278	12.780	ug/L	99
35) Trichloroethene	9.09	95	216612	40.978	ug/L	99
36) Methylcyclohexane	9.34	83	244373	25.921	ug/L	100

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40) 1,2-Dichloropropane	9.37	63	64311	13.271	ug/L	99
41) Bromodichloromethane	9.65	83	134322	20.748	ug/L	98
42) cis-1,3-Dichloropropene	10.07	75	135813	17.513	ug/L	100
44) Toluene	10.39	91	444076	20.713	ug/L	99
45) trans-1,3-Dichloropropene	10.61	75	56536	8.377	ug/L	100
47) Tetrachloroethene	10.87	164	167868	40.062	ug/L	97
49) 2-Hexanone	10.97	43	80744	42.110	ug/L	99
50) Dibromochloromethane	11.13	129	88001	21.364	ug/L	100
53) Ethylbenzene	11.73	91	385911	15.676	ug/L	99
54) m,p-Xylene	11.85	106	95267	10.313	ug/L	98
55) o-xylene	12.17	106	110342	12.584	ug/L	98
57) Isopropylbenzene	12.46	105	311306	12.745	ug/L	100
63) 1,3-Dichlorobenzene	13.50	146	217174	20.953	ug/L	97
65) 1,2-Dichlorobenzene	13.87	146	97489	10.824	ug/L	97
66) 1,2-Dibromo-3-chloropropan	14.49	75	14906	21.816	ug/L	92

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

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