

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW092520\
 Data File : VW016645.D
 Acq On : 24 Sep 2020 16:49
 Operator : SY/VA
 Sample : L4109-11
 Misc : 5.96G/10ML/MSVOA W/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BG3X1

Manual Integrations
 APPROVED

MMDadoda
 9/28/2020 3:15:21 PM

Quant Time: Sep 28 10:57:50 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM091520S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Sep 25 07:55:30 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	449944	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	248029	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	97882m	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.37	65	121391	27.87	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	111.48%
7) Chloroethane-d5	2.90	69	106324	29.90	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	119.60%
10) 1,1-Dichloroethene-d2	4.03	63	284288	29.20	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	116.80%#
20) 2-Butanone-d5	7.08	46	56116	47.26	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	94.52%
24) Chloroform-d	7.66	84	249498	26.51	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	106.04%
26) 1,2-Dichloroethane-d4	8.31	65	129248	26.75	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	107.00%
29) Benzene-d6	8.28	84	462402	41.57	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	166.28%#
33) 1,2-Dichloropropane-d6	9.28	67	130624	43.33	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	173.32%#
37) Toluene-d8	10.33	98	506611	46.29	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	185.16%#
38) trans-1,3-Dichloropropene-	10.58	79	53333	35.10	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	140.40%#
39) 2-Hexanone-d5	10.93	63	46515	84.84	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	169.68%#
48) 1,1,2,2-Tetrachloroethane-	12.70	84	74753	29.14	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	116.56%
61) 1,2-Dichlorobenzene-d4	13.86	152	60397	19.31	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	77.24%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
12) 1,1-Dichloroethene	4.06	96	219699	38.549	ug/L #	85
13) Acetone	4.13	43	28979	31.156	ug/L	97
14) Carbon disulfide	4.39	76	5047	0.294	ug/L #	83
16) Methylene chloride	4.93	84	30623	4.413	ug/L #	44
18) trans-1,2-Dichloroethene	5.43	96	5497m	0.931	ug/L	
19) 1,1-Dichloroethane	6.23	63	106694	11.431	ug/L	98
22) cis-1,2-Dichloroethene	7.18	96	574899	93.878	ug/L	97
30) Cyclohexane	7.96	56	765735	141.276	ug/L	100
31) 1,1,1-Trichloroethane	7.88	97	3431050	592.301	ug/L	99
34) Benzene	8.33	78	7217	0.543	ug/L	100
35) Trichloroethene	9.10	95	6261	1.628	ug/L #	1
36) Methylcyclohexane	9.34	83	109863	16.840	ug/L #	52
44) Toluene	10.38	91	25720635m	1720.596	ug/L	
47) Tetrachloroethene	10.87	164	23395	6.736	ug/L	92
52) Chlorobenzene	11.66	112	99146	9.874	ug/L	99
53) Ethylbenzene	11.73	91	15957154m	940.215	ug/L	
54) m,p-Xylene	11.84	106	20058973m	3018.369	ug/L	

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55) o-xylene	12.17	106	11033690m	1733.028	ug/L	
57) Isopropylbenzene	12.47	105	10065683	578.586	ug/L	96
63) 1,3-Dichlorobenzene	13.51	146	80547	12.652	ug/L #	28
64) 1,4-Dichlorobenzene	13.58	146	151764	24.341	ug/L #	22
65) 1,2-Dichlorobenzene	13.87	146	648833	114.055	ug/L #	89
68) 1,2,4-trichlorobenzene	15.14	180	168408	44.711	ug/L #	16
70) 1,2,3-Trichlorobenzene	15.56	180	56856	17.551	ug/L #	1

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

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