

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW100120\
 Data File : VW016744.D
 Acq On : 01 Oct 2020 17:39
 Operator : SY/VA
 Sample : L4203-02
 Misc : 5.58G/10ML/MSVOA W/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BG3N4

Manual Integrations
 APPROVED

MMDadoda
 10/5/2020 4:11:52 PM

Quant Time: Oct 01 22:35:22 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM091520S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Oct 01 21:33:07 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	614548	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	477409	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	193510	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.37	65	98734	16.60	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	66.40%
7) Chloroethane-d5	2.91	69	96560	19.88	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	79.52%
10) 1,1-Dichloroethene-d2	4.03	63	171662	12.91	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	51.64%
20) 2-Butanone-d5	7.09	46	58925	36.33	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	72.66%
24) Chloroform-d	7.65	84	283321	22.04	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	88.16%
26) 1,2-Dichloroethane-d4	8.31	65	138708	21.02	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	84.08%
29) Benzene-d6	8.28	84	536065	25.04	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	100.16%
33) 1,2-Dichloropropane-d6	9.28	67	152077	26.21	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	104.84%
37) Toluene-d8	10.33	98	481533	22.86	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	91.44%
38) trans-1,3-Dichloropropene-	10.58	79	55453	18.96	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	75.84%
39) 2-Hexanone-d5	10.93	63	43577	41.29	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	82.58%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	110409	22.36	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	89.44%
61) 1,2-Dichlorobenzene-d4	13.85	152	146900	23.76	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	95.04%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
5) Vinyl chloride	2.38	62	2971	0.362	ug/L #	29
12) 1,1-Dichloroethene	4.06	96	11991	1.540	ug/L #	1
13) Acetone	4.15	43	9483	7.465	ug/L	94
14) Carbon disulfide	4.40	76	11171	0.476	ug/L	98
16) Methylene chloride	4.93	84	34448	3.634	ug/L	97
18) trans-1,2-Dichloroethene	5.43	96	2616	0.325	ug/L	77
22) cis-1,2-Dichloroethene	7.18	96	28857	3.450	ug/L	94
35) Trichloroethene	9.10	95	2309162	311.907	ug/L	99
47) Tetrachloroethene	10.87	164	14987571m	2241.951	ug/L	

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

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