

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW080218\
 Data File : VW004398.D
 Acq On : 02 Aug 2018 12:53
 Operator : SY/AP
 Sample : VSTD2.589
 Misc : 5.00G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD2.589

Manual Integrations
 APPROVED

MMDadoda
 8/6/2018 5:17:57 PM

Quant Time: Aug 02 13:15:37 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM080218S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Aug 02 05:11:26 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.45	114	997042m	25.00	ug/L	-0.40
28) Chlorobenzene-d5	11.55	117	1001862	25.00	ug/L	-0.09
60) 1,4-Dichlorobenzene-d4	13.55	152	478371	25.00	ug/L	-0.02

System Monitoring Compounds

4) Vinyl Chloride-d3	2.12	65	637	0.08	ug/L	-0.24
Spiked Amount	25.000	Range	30 - 150	Recovery	=	0.32%#
7) Chloroethane-d5	2.90	69	243	0.03	ug/L	0.01
Spiked Amount	25.000	Range	30 - 150	Recovery	=	0.12%#
10) 1,1-Dichloroethene-d2	4.03	63	49	0.00	ug/L	0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	0.00%#
20) 2-Butanone-d5	7.32	46	73	0.02	ug/L	0.23
Spiked Amount	50.000	Range	20 - 135	Recovery	=	0.04%#
24) Chloroform-d	7.53	84	64	0.00	ug/L	-0.12
Spiked Amount	25.000	Range	40 - 150	Recovery	=	0.00%#
26) 1,2-Dichloroethane-d4	8.46	65	1463	0.11	ug/L	0.15
Spiked Amount	25.000	Range	70 - 130	Recovery	=	0.44%#
29) Benzene-d6	8.46	84	5583	0.11	ug/L	0.18
Spiked Amount	25.000	Range	20 - 135	Recovery	=	0.44%#
33) 1,2-Dichloropropane-d6	9.25	67	59	0.00	ug/L	-0.03
Spiked Amount	25.000	Range	70 - 120	Recovery	=	0.00%#
37) Toluene-d8	10.14	98	114583	2.32	ug/L	-0.19
Spiked Amount	25.000	Range	30 - 130	Recovery	=	9.28%#
38) trans-1,3-Dichloropropene-	10.43	79	17090	2.21	ug/L	-0.15
Spiked Amount	25.000	Range	30 - 135	Recovery	=	8.84%#
39) 2-Hexanone-d5	10.92	63	99	0.02	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	0.04%#
48) 1,1,2,2-Tetrachloroethane-	12.66	84	43636	2.61	ug/L	-0.04
Spiked Amount	25.000	Range	45 - 120	Recovery	=	10.44%#
61) 1,2-Dichlorobenzene-d4	13.85	152	47711	2.61	ug/L	-0.01
Spiked Amount	25.000	Range	75 - 120	Recovery	=	10.44%#

Target Compounds

					Qvalue
27) 1,2-Dichloroethane	8.45	62	33566	2.022 ug/L	# 75
41) Bromodichloromethane	9.38	83	52415	2.781 ug/L	95
43) 4-Methyl-2-pentanone	10.04	43	44760	3.795 ug/L	93
44) Toluene	10.21	91	153139	2.452 ug/L	93
46) 1,1,2-Trichloroethane	10.65	97	32912	2.739 ug/L	95
47) Tetrachloroethene	10.73	164	32682	2.448 ug/L	96
49) 2-Hexanone	10.86	43	31605	3.605 ug/L	92
50) Dibromochloromethane	11.02	129	36372	2.485 ug/L	98
51) 1,2-Dibromoethane	11.12	107	30136	2.531 ug/L	98
52) Chlorobenzene	11.58	112	112014	2.694 ug/L	93
53) Ethylbenzene	11.66	91	169073	2.393 ug/L	97
57) Isopropylbenzene	12.43	105	150432	2.126 ug/L	98
58) 1,1,2,2-Tetrachloroethane	12.69	83	44193	2.679 ug/L	98
59) 1,2,3-Trichloropropane	12.74	75	31752	2.500 ug/L	100
62) Bromoform	12.30	173	21911	2.455 ug/L	99
63) 1,3-Dichlorobenzene	13.49	146	79787	2.586 ug/L	99
64) 1,4-Dichlorobenzene	13.57	146	89400	2.816 ug/L	96

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65) 1,2-Dichlorobenzene	13.87	146	81679	2.800	ug/L	100
66) 1,2-Dibromo-3-chloropropan	14.49	75	7048	2.452	ug/L	95
67) 1,3,5-Trichlorobenzene	14.63	180	64521	2.638	ug/L	98
68) 1,2,4-trichlorobenzene	15.14	180	48959	2.357	ug/L	98
70) 1,2,3-Trichlorobenzene	15.57	180	46854	2.437	ug/L	99

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

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