

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV061820\
 Data File : VV016971.D
 Acq On : 18 Jun 2020 12:04
 Operator : SY/MD
 Sample : L3039-02
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F9M01

Manual Integrations
 APPROVED

MMDadoda
 6/19/2020 3:02:33 PM

Quant Time: Jun 19 05:25:55 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060820WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jun 19 04:33:43 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	380563	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	361744	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	187317	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	100609	37.47	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	74.94%
7) Chloroethane-d5	1.58	69	72285	44.86	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	89.72%
11) 1,1-Dichloroethene-d2	2.12	63	150674	33.41	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	66.82%
21) 2-Butanone-d5	3.91	46	167344	84.20	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	84.20%
24) Chloroform-d	4.38	84	231611	42.42	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.84%
26) 1,2-Dichloroethane-d4	5.06	65	169659	45.68	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.36%
32) Benzene-d6	5.08	84	457303	43.85	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.70%
36) 1,2-Dichloropropane-d6	6.09	67	141503	43.53	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	87.06%
41) Toluene-d8	7.34	98	422809	44.19	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.38%
43) trans-1,3-Dichloropropene-	7.64	79	73009	43.13	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	86.26%
47) 2-Hexanone-d5	8.11	63	100283	70.77	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	70.77%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	184847	42.96	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	85.92%
64) 1,2-Dichlorobenzene-d4	11.65	152	188860	47.24	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.48%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
5) Vinyl chloride	1.32	62	808652	298.028	ug/L	100
8) Chloroethane	1.60	64	3908m	2.916	ug/L	
14) Carbon disulfide	2.32	76	9558	1.398	ug/L	98
17) trans-1,2-Dichloroethene	2.78	96	9147	3.552	ug/L	83
20) cis-1,2-Dichloroethene	3.94	96	969921m	345.459	ug/L	
25) Chloroform	4.41	83	9209	1.848	ug/L	96
34) Trichloroethene	5.94	95	5943	2.070	ug/L	97
42) Toluene	7.41	91	10933	0.969	ug/L	96
46) Tetrachloroethene	8.00	164	2507	1.110	ug/L	84
53) m,p-Xylene	9.17	106	6518	1.401	ug/L	98
54) o-xylene	9.57	106	3074	0.670	ug/L	75

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

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