

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV060420\  
 Data File : VV016518.D  
 Acq On : 04 Jun 2020 18:53  
 Operator : SY/MD  
 Sample : L2849-13  
 Misc : 5.0mL/MSVOA V/WATER  
 ALS Vial : 23 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :

Quant Time: Jun 05 05:33:45 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_V\METHOD\SOMVLM060320WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Fri Jun 05 01:52:01 2020  
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	346772	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	327620	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	160888	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	91644	37.31	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	74.62%
7) Chloroethane-d5	1.56	69	74795	42.18	ug/L	-0.02
Spiked Amount	50.000	Range	70 - 130	Recovery	=	84.36%
11) 1,1-Dichloroethene-d2	2.12	63	124571	28.61	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	57.22%#
21) 2-Butanone-d5	3.89	46	203278	129.44	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	129.44%
24) Chloroform-d	4.37	84	214673	46.57	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.14%
26) 1,2-Dichloroethane-d4	5.05	65	150271	48.69	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.38%
32) Benzene-d6	5.07	84	422696	48.16	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.32%
36) 1,2-Dichloropropane-d6	6.09	67	137070	50.13	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	100.26%
41) Toluene-d8	7.34	98	386440	48.49	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.98%
43) trans-1,3-Dichloropropene-	7.64	79	60471	45.38	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.76%
47) 2-Hexanone-d5	8.11	63	155125	132.46	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	132.46%#
57) 1,1,2,2-Tetrachloroethane-	10.24	84	197153	53.16	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	106.32%
64) 1,2-Dichlorobenzene-d4	11.65	152	164073	54.27	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	108.54%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
5) Vinyl chloride	1.32	62	454663	170.698	ug/L	100
8) Chloroethane	1.57	64	1357	0.909	ug/L #	79
13) Acetone	2.17	43	20384	13.887	ug/L	99
15) Methyl Acetate	2.44	43	143985	53.371	ug/L	100
17) trans-1,2-Dichloroethene	2.78	96	11776	4.848	ug/L	99
20) cis-1,2-Dichloroethene	3.93	96	225095	85.863	ug/L	99
22) 2-Butanone	4.01	43	9107m	5.000	ug/L	
34) Trichloroethene	5.94	95	20630	8.160	ug/L	93

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

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