

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV033120\
 Data File : VV015311.D
 Acq On : 31 Mar 2020 14:11
 Operator : SY/MD
 Sample : L1975-12
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 ETTH5

Manual Integrations
 APPROVED

apatel
 4/1/2020 7:26:29 PM

Quant Time: Apr 01 02:51:11 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM033020WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Apr 01 01:17:34 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	565701	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	559082	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	254147	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	185466	44.96	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	89.92%
7) Chloroethane-d5	1.58	69	178114	46.40	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	92.80%
11) 1,1-Dichloroethene-d2	2.12	63	291281	32.75	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	65.50%
21) 2-Butanone-d5	3.93	46	324920m	120.46	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	120.46%
24) Chloroform-d	4.38	84	358002	48.28	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.56%
26) 1,2-Dichloroethane-d4	5.06	65	248348	51.24	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.48%
32) Benzene-d6	5.08	84	699012	47.90	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.80%
36) 1,2-Dichloropropane-d6	6.09	67	224751	49.24	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	98.48%
41) Toluene-d8	7.34	98	673560	47.70	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.40%
43) trans-1,3-Dichloropropene-	7.64	79	120593	48.52	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	97.04%
47) 2-Hexanone-d5	8.11	63	284794	133.01	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	133.01%#
57) 1,1,2,2-Tetrachloroethane-	10.24	84	335712	49.84	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	99.68%
64) 1,2-Dichlorobenzene-d4	11.65	152	242530	47.95	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.90%

Target Compounds

					Ovalue
5) Vinyl chloride	1.32	62	302156	63.371	ug/L 97
13) Acetone	2.21	43	30762	16.712	ug/L 56
19) 1,1-Dichloroethane	3.22	63	6494	0.993	ug/L # 90
20) cis-1,2-Dichloroethene	3.95	96	7603	1.929	ug/L # 88
22) 2-Butanone	4.02	43	78969	29.430	ug/L 99

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

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