

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV121920\
 Data File : VV019729.D
 Acq On : 19 Dec 2020 11:26
 Operator : SY/MD
 Sample : L5099-04DL 8X
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BG4P9DL

Manual Integrations
 APPROVED

SAM
 12/21/2020 5:35:37 PM

Quant Time: Dec 21 04:00:45 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM121020WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Dec 21 03:36:59 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.62	114	686089	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.86	117	616328	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.25	152	276624	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	202132	41.09	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	82.18%
7) Chloroethane-d5	1.57	69	180323	46.47	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	92.94%
11) 1,1-Dichloroethene-d2	2.11	63	288086	31.55	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	63.10%
21) 2-Butanone-d5	3.88	46	334863	125.23	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	125.23%
24) Chloroform-d	4.35	84	428712	48.35	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.70%
26) 1,2-Dichloroethane-d4	5.03	65	309027	53.33	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	106.66%
32) Benzene-d6	5.05	84	820736	49.93	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.86%
36) 1,2-Dichloropropane-d6	6.07	67	275739	53.55	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	107.10%
41) Toluene-d8	7.32	98	663188	44.81	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.62%
43) trans-1,3-Dichloropropene-	7.62	79	126958	43.35	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	86.70%
47) 2-Hexanone-d5	8.09	63	222180	109.94	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	109.94%
57) 1,1,2,2-Tetrachloroethane-	10.22	84	344745	49.50	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	99.00%
64) 1,2-Dichlorobenzene-d4	11.63	152	251163	48.57	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.14%

Target Compounds

					Ovalue
13) Acetone	2.17	43	10457	4.590 ug/L	96
18) Methyl tert-butyl Ether	2.77	73	48815	3.118 ug/L #	89
20) cis-1,2-Dichloroethene	3.92	96	4117m	0.836 ug/L	
34) Trichloroethene	5.92	95	113671	23.889 ug/L	98
46) Tetrachloroethene	7.98	164	276609	84.012 ug/L	100

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

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