

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV092520\
 Data File : VV018445.D
 Acq On : 25 Sep 2020 11:01
 Operator : SY/MD
 Sample : L4109-05MEDL 5X
 Misc : 6.46µ/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 Client Sampled :
 BG3W9MEDL

Quant Time: Sep 26 00:11:56 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM090920WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Sep 25 23:36:18 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	351103	50.00	µg/L	0.00
28) Chlorobenzene-d5	8.87	117	335371	50.00	µg/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	182302	50.00	µg/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	96375	33.68	µg/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	67.36%
7) Chloroethane-d5	1.58	69	90392	38.61	µg/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	77.22%
11) 1,1-Dichloroethene-d2	2.12	63	153048	29.16	µg/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	58.32%#
21) 2-Butanone-d5	3.92	46	178704	102.04	µg/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	102.04%
24) Chloroform-d	4.38	84	222228	44.76	µg/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.52%
26) 1,2-Dichloroethane-d4	5.06	65	148987	46.82	µg/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.64%
32) Benzene-d6	5.08	84	464566	48.39	µg/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.78%
36) 1,2-Dichloropropane-d6	6.09	67	151800	49.76	µg/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	99.52%
41) Toluene-d8	7.34	98	428481	48.97	µg/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.94%
43) trans-1,3-Dichloropropene-	7.64	79	75621	48.78	µg/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	97.56%
47) 2-Hexanone-d5	8.11	63	127624	110.45	µg/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	110.45%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	200705	52.42	µg/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	104.84%
64) 1,2-Dichlorobenzene-d4	11.65	152	196502	52.48	µg/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	104.96%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
20) cis-1,2-Dichloroethene	3.94	96	3234	1.273	µg/L	95
29) Cyclohexane	4.70	56	34017	8.784	µg/L	99
30) 1,1,1-Trichloroethane	4.64	97	14053	3.611	µg/L	98
42) Toluene	7.41	91	354005	34.886	µg/L	99
52) Ethylbenzene	9.04	91	39960	3.607	µg/L	98
53) m,p-Xylene	9.16	106	61410	14.851	µg/L	96
54) o-xylene	9.57	106	27199	6.828	µg/L	96
56) Isopropylbenzene	9.95	105	27228	2.536	µg/L	98
65) 1,2-Dichlorobenzene	11.67	146	3997	0.729	µg/L #	82

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

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