

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV092920\
 Data File : VV018521.D
 Acq On : 29 Sep 2020 17:06
 Operator : SY/MD
 Sample : L4109-19ME
 Misc : 6.45µ/5.0mL/100µL/5.0mL/MSVOA_V/MEOH
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BG3Z0ME

Manual Integrations
 APPROVED

MMDadoda
 10/2/2020 11:57:40 AM

Quant Time: Sep 30 03:35:31 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM092920WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Sep 30 01:47:57 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	397140	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	388445	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.28	152	207574	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	98079	42.11	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	84.22%
7) Chloroethane-d5	1.58	69	72760	37.78	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	75.56%
11) 1,1-Dichloroethene-d2	2.10	63	143549	30.25	ug/L	-0.02
Spiked Amount	50.000	Range	60 - 125	Recovery	=	60.50%
21) 2-Butanone-d5	3.93	46	133925	77.09	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	77.09%
24) Chloroform-d	4.37	84	214959	42.68	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.36%
26) 1,2-Dichloroethane-d4	5.05	65	148613	46.48	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.96%
32) Benzene-d6	5.07	84	448339	45.57	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.14%
36) 1,2-Dichloropropane-d6	6.09	67	138760	46.67	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	93.34%
41) Toluene-d8	7.34	98	428216	46.26	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.52%
43) trans-1,3-Dichloropropene-	7.64	79	72950	45.42	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.84%
47) 2-Hexanone-d5	8.14	63	102801	91.04	ug/L	0.03
Spiked Amount	100.000	Range	45 - 130	Recovery	=	91.04%
57) 1,1,2,2-Tetrachloroethane-	10.25	84	171677	43.56	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	87.12%
64) 1,2-Dichlorobenzene-d4	11.65	152	190825	47.80	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.60%

Target Compounds

				Ovalue	
29) Cyclohexane	4.69	56	20290	4.580	ug/L 89
35) Methylcyclohexane	6.15	83	5817m	1.302	ug/L
62) 1,3-Dichlorobenzene	11.21	146	4687	0.698	ug/L # 85
63) 1,4-Dichlorobenzene	11.30	146	15938	2.304	ug/L 87
68) 1,2,4-trichlorobenzene	13.29	180	193312	44.644	ug/L 98
70) 1,2,3-Trichlorobenzene	13.77	180	41256	9.491	ug/L # 96

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

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