

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL011321\
 Data File : VL036227.D
 Acq On : 13 Jan 2021 15:59
 Operator : SY/AP
 Sample : M1066-01
 Misc : 400ml/MSVOA L
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 0121-SS5

Manual Integrations
 APPROVED

MMDadoda
 1/18/2021 3:49:31 PM

Quant Time: Jan 16 20:32:55 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL011321AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LThu Jan 1
 QLast Update : Thu Jan 14 16:13:38 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.67	49	1450870	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.18	114	3135602	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.09	117	2803349	10.00	ppbv	0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.42	95	2320297	10.00	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	100.00%

Target Compounds					Ovalue
2) Dichlorodifluoromethane	3.05	85	42463	0.218 ppbv	93
4) Chloromethane	3.14	50	32286	0.367 ppbv #	84
9) Propene	3.01	41	228417	2.692 ppbv	90
10) Heptane	8.12	43	44267	0.210 ppbv	94
11) Trichlorofluoromethane	3.95	101	47514	0.240 ppbv	96
13) Ethanol	3.64	45	3812158	286.115 ppbv	84
15) Acetone	3.85	43	6112379	34.399 ppbv	100
17) tert-Butyl alcohol	4.32	59	660537	4.505 ppbv	97
19) Isopropyl Alcohol	4.01	45	321610	3.002 ppbv #	1
20) Methylene Chloride	4.35	84	2003364	35.325 ppbv	96
26) Hexane	5.69	57	2560785	17.241 ppbv #	36
27) Carbon Disulfide	4.55	76	3310401	27.873 ppbv	99
30) Cyclohexane	7.12	84	37427m	0.330 ppbv	
34) 2-Butanone	5.25	43	650281	2.816 ppbv	99
35) Carbon Tetrachloride	7.01	117	22252m	0.112 ppbv	
36) Benzene	6.90	78	140279	0.488 ppbv #	92
44) 2,2,4-Trimethylpentane	7.87	57	82689m	0.157 ppbv	
52) Tetrachloroethene	11.23	164	4327m	0.041 ppbv	
53) Toluene	9.81	91	570709	1.776 ppbv	98
58) Ethyl Benzene	12.72	91	151299m	0.364 ppbv	
59) m/p-Xylene	12.98	91	418735	1.171 ppbv	97
60) o-Xylene	13.70	91	182485	0.530 ppbv	95
61) Styrene	13.53	104	29713m	0.137 ppbv	
69) p-Isopropyltoluene	17.66	119	73414	0.144 ppbv #	87
72) 4-Ethyltoluene	15.84	105	111144m	0.286 ppbv	
73) 1,3,5-Trimethylbenzene	16.00	105	102316m	0.276 ppbv	
74) 1,2,4-Trimethylbenzene	16.77	105	388528	1.022 ppbv #	67
79) Naphthalene	22.21	128	50224m	0.226 ppbv	

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

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