

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL012821\
 Data File : VL036281.D
 Acq On : 28 Jan 2021 21:14
 Operator : SY/AP
 Sample : M1245-01DUP 4X
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SS-1DUP

Manual Integrations
 APPROVED

MMDadoda
 2/1/2021 1:52:28 PM

Quant Time: Jan 31 17:13:18 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL011321AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu Jan 14 16:13:38 2021
 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	5.66	49	1620726	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.16	114	3539672	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.08	117	3200744	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.40	95	2686224	10.14	ppbv	-0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	101.40%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
3) Chlorodifluoromethane	2.98	51	54418	0.273	ppbv	99
4) Chloromethane	3.13	50	45923m	0.467	ppbv	
9) Propene	3.00	41	35520m	0.375	ppbv	
10) Heptane	8.10	43	193620	0.823	ppbv	95
13) Ethanol	3.62	45	10253763	688.926	ppbv	85
15) Acetone	3.84	43	14516314	73.133	ppbv #	89
17) tert-Butyl alcohol	4.31	59	11660692	71.191	ppbv	98
19) Isopropyl Alcohol	3.99	45	1640501	13.709	ppbv #	1
26) Hexane	5.67	57	321414	1.937	ppbv #	66
30) Cyclohexane	7.11	84	68552m	0.541	ppbv	
34) 2-Butanone	5.24	43	98160m	0.377	ppbv	
36) Benzene	6.88	78	240671	0.742	ppbv	94
44) 2,2,4-Trimethylpentane	7.85	57	258884	0.435	ppbv #	83
53) Toluene	9.79	91	2280363	6.285	ppbv	99
58) Ethyl Benzene	12.70	91	430044	0.905	ppbv	90
59) m/p-Xylene	12.95	91	1427437	3.498	ppbv	98
60) o-Xylene	13.68	91	461540	1.173	ppbv	100
72) 4-Ethyltoluene	15.83	105	123471m	0.278	ppbv	
73) 1,3,5-Trimethylbenzene	15.98	105	76843m	0.182	ppbv	
74) 1,2,4-Trimethylbenzene	16.76	105	312004m	0.719	ppbv	

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

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