

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL012821\
 Data File : VL036283.D
 Acq On : 28 Jan 2021 22:32
 Operator : SY/AP
 Sample : M1245-02 4X
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SS-2

Manual Integrations
 APPROVED

MMDadoda
 2/1/2021 1:52:37 PM

Quant Time: Jan 31 17:17:57 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL011321AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu 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	5.66	49	1678232	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.17	114	3536838	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.08	117	3278240	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.41	95	2715855	10.01	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	100.10%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.04	85	26420m	0.117	ppbv	
3) Chlorodifluoromethane	2.98	51	67433m	0.327	ppbv	
4) Chloromethane	3.13	50	11478	0.113	ppbv #	82
9) Propene	3.01	41	48201m	0.491	ppbv	
10) Heptane	8.10	43	199589	0.819	ppbv	94
12) 1,1,2-Trichlorotrifluoroet	4.47	101	39400m	0.284	ppbv	
13) Ethanol	3.68	45	17494546	1135.140	ppbv	85
15) Acetone	3.84	43	18765765	91.302	ppbv #	82
17) tert-Butyl alcohol	4.37	59	18561927	109.441	ppbv	96
20) Methylene Chloride	4.34	84	220649	3.364	ppbv #	87
26) Hexane	5.67	57	507254	2.953	ppbv #	77
29) Chloroform	5.74	83	28508m	0.116	ppbv	
30) Cyclohexane	7.11	84	44723	0.341	ppbv	85
31) cis-1,2-Dichloroethene	5.54	61	16568m	0.101	ppbv	
36) Benzene	6.88	78	246891	0.762	ppbv	97
38) Trichloroethene	7.83	130	460959	3.840	ppbv	94
44) 2,2,4-Trimethylpentane	7.86	57	276457m	0.464	ppbv	
52) Tetrachloroethene	11.22	164	13640m	0.114	ppbv	
53) Toluene	9.80	91	2341091	6.458	ppbv	100
58) Ethyl Benzene	12.70	91	462526	0.951	ppbv	96
59) m/p-Xylene	12.96	91	1465239	3.505	ppbv	96
60) o-Xylene	13.68	91	496701	1.233	ppbv	97
72) 4-Ethyltoluene	15.83	105	121670m	0.268	ppbv	
73) 1,3,5-Trimethylbenzene	15.99	105	64869	0.150	ppbv #	69
74) 1,2,4-Trimethylbenzene	16.75	105	274589	0.618	ppbv #	68

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

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