

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL012821\
 Data File : VL036286.D
 Acq On : 29 Jan 2021 00:33
 Operator : SY/AP
 Sample : M1245-04
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SS-4

Manual Integrations
 APPROVED

MMDadoda
 2/1/2021 1:52:47 PM

Quant Time: Jan 31 17:28:00 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	1419113	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.17	114	3282386	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.08	117	2963142	10.00	ppbv	0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.41	95	2426156	9.89	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	98.90%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.04	85	50184m	0.264	ppbv	
3) Chlorodifluoromethane	2.98	51	170750	0.980	ppbv #	90
4) Chloromethane	3.13	50	50493	0.586	ppbv	89
9) Propene	3.01	41	164549	1.983	ppbv #	73
10) Heptane	8.11	43	671058	3.257	ppbv	97
11) Trichlorofluoromethane	3.94	101	50655	0.262	ppbv	84
13) Ethanol	3.62	45	2227327	170.909	ppbv	84
15) Acetone	3.84	43	3171636	18.249	ppbv	90
17) tert-Butyl alcohol	4.31	59	396326m	2.763	ppbv	
20) Methylene Chloride	4.34	84	790788	14.256	ppbv	98
26) Hexane	5.68	57	1712738	11.790	ppbv #	38
27) Carbon Disulfide	4.54	76	27566m	0.237	ppbv	
30) Cyclohexane	7.13	84	180488m	1.626	ppbv	
34) 2-Butanone	5.25	43	164754m	0.682	ppbv	
35) Carbon Tetrachloride	7.01	117	13992m	0.067	ppbv	
36) Benzene	6.88	78	735672	2.446	ppbv	95
38) Trichloroethene	7.83	130	13831m	0.124	ppbv	
44) 2,2,4-Trimethylpentane	7.86	57	882914	1.598	ppbv #	86
52) Tetrachloroethene	11.21	164	5746m	0.052	ppbv	
53) Toluene	9.80	91	6755602	20.080	ppbv	97
58) Ethyl Benzene	12.70	91	1627559	3.701	ppbv	96
59) m/p-Xylene	12.96	91	4825862	12.773	ppbv	96
60) o-Xylene	13.68	91	1677641	4.606	ppbv	100
62) Isopropylbenzene	14.66	105	74346	0.137	ppbv	92
64) n-propylbenzene	15.55	120	63382	0.476	ppbv #	56
65) tert-Butylbenzene	16.75	119	142525	0.311	ppbv #	63
70) n-Butylbenzene	18.55	91	86357m	0.150	ppbv	
72) 4-Ethyltoluene	15.84	105	517620	1.259	ppbv	99
73) 1,3,5-Trimethylbenzene	15.99	105	333860	0.852	ppbv	95
74) 1,2,4-Trimethylbenzene	16.76	105	1346286	3.350	ppbv #	68
79) Naphthalene	22.20	128	35024m	0.149	ppbv	

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

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