

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL061721\
 Data File : VL037211.D
 Acq On : 17 Jun 2021 21:20
 Operator : SY/AP
 Sample : M2742-04
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SV2

Manual Integrations
 APPROVED

MMDadoda
 6/21/2021 12:58:34 PM

Quant Time: Jun 19 17:29:53 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL061621AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Jun 1
 QLast Update : Wed Jun 16 14:06:32 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.66	49	1457841	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.17	114	4352066	10.00	ppbv	-0.01
55) Chlorobenzene-d5	12.08	117	3854539	10.00	ppbv	-0.01

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.42	95	3123451	10.69	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	106.90%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.04	85	58814	0.232	ppbv	94
3) Chlorodifluoromethane	2.98	51	163400m	0.576	ppbv	
4) Chloromethane	3.14	50	17733m	0.188	ppbv	
7) Chloroethane	3.56	64	9031m	0.243	ppbv	
9) Propene	3.01	41	168220	1.856	ppbv	90
10) Heptane	8.12	43	236851	1.079	ppbv	98
11) Trichlorofluoromethane	3.95	101	61528	0.227	ppbv	89
13) Ethanol	3.61	45	314061m	22.399	ppbv	
15) Acetone	3.84	43	4756556	28.933	ppbv	99
17) tert-Butyl alcohol	4.30	59	151804m	0.999	ppbv	
19) Isopropyl Alcohol	3.99	45	79872m	0.802	ppbv	
20) Methylene Chloride	4.34	84	909222	9.238	ppbv	99
26) Hexane	5.68	57	2905796	16.154	ppbv #	46
27) Carbon Disulfide	4.55	76	1105051	6.270	ppbv	99
29) Chloroform	5.75	83	266378	0.959	ppbv	99
30) Cyclohexane	7.12	84	87406m	0.583	ppbv	
34) 2-Butanone	5.24	43	315469	1.864	ppbv	95
35) Carbon Tetrachloride	7.02	117	13481m	0.046	ppbv	
36) Benzene	6.89	78	106534	0.303	ppbv	97
38) Trichloroethene	7.83	130	44125m	0.264	ppbv	
44) 2,2,4-Trimethylpentane	7.87	57	69963m	0.118	ppbv	
52) Tetrachloroethene	11.22	164	697786	4.267	ppbv	98
53) Toluene	9.80	91	460561	1.096	ppbv	99
58) Ethyl Benzene	12.71	91	205609	0.387	ppbv #	85
59) m/p-Xylene	12.97	91	665650	1.480	ppbv	96
60) o-Xylene	13.69	91	412839	0.964	ppbv	93
62) Isopropylbenzene	14.66	105	63632m	0.105	ppbv	
63) 1,1,2,2-Tetrachloroethane	13.66	83	241788	0.848	ppbv #	52
64) n-propylbenzene	15.56	120	44170	0.290	ppbv #	17
70) n-Butylbenzene	18.59	91	535408	0.951	ppbv	95
72) 4-Ethyltoluene	15.84	105	223644	0.460	ppbv #	91
73) 1,3,5-Trimethylbenzene	16.00	105	222426	0.473	ppbv	98
74) 1,2,4-Trimethylbenzene	16.77	105	819266	1.691	ppbv #	73

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

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