

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL040621\
 Data File : VL036707.D
 Acq On : 6 Apr 2021 21:06
 Operator : SY/AP
 Sample : M1945-02 2X
 Misc : 400mL/MSVOA L
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SV2

Manual Integrations
 APPROVED

MMDadoda
 4/12/2021 11:11:11 AM

Quant Time: Apr 08 12:37:41 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL032521AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu Mar 25 2021
 QLast Update : Thu Mar 25 09:42:40 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.67	49	1262482	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.18	114	3237061	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.09	117	2986357	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.42	95	2444884	10.27	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	102.70%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.05	85	34023	0.165	ppbv	97
4) Chloromethane	3.14	50	12869m	0.154	ppbv	
9) Propene	3.01	41	72788	0.968	ppbv	88
10) Heptane	8.13	43	156097	0.815	ppbv	100
11) Trichlorofluoromethane	3.95	101	21415	0.102	ppbv	98
13) Ethanol	3.61	45	84401	9.425	ppbv	94
15) Acetone	3.84	43	1982165	15.952	ppbv	99
17) tert-Butyl alcohol	4.32	59	19583	0.181	ppbv #	85
20) Methylene Chloride	4.35	84	115647m	1.988	ppbv	
26) Hexane	5.69	57	1604729	11.706	ppbv #	46
27) Carbon Disulfide	4.55	76	22500	0.167	ppbv #	68
29) Chloroform	5.75	83	114130	0.521	ppbv	88
34) 2-Butanone	5.25	43	129891	0.822	ppbv #	82
36) Benzene	6.89	78	49839	0.167	ppbv	92
38) Trichloroethene	7.84	130	4217m	0.036	ppbv	
52) Tetrachloroethene	11.23	164	8292m	0.075	ppbv	
53) Toluene	9.81	91	476413	1.498	ppbv	98
58) Ethyl Benzene	12.72	91	271771	0.626	ppbv #	86
59) m/p-Xylene	12.97	91	596197	1.573	ppbv	91
60) o-Xylene	13.70	91	295796m	0.807	ppbv	
62) Isopropylbenzene	14.68	105	63440m	0.129	ppbv	
63) 1,1,2,2-Tetrachloroethane	13.67	83	133358	0.477	ppbv #	51
64) n-propylbenzene	15.56	120	26895m	0.223	ppbv	
67) sec-Butylbenzene	17.30	105	53311m	0.088	ppbv	
72) 4-Ethyltoluene	15.85	105	94205m	0.235	ppbv	
73) 1,3,5-Trimethylbenzene	16.01	105	85320m	0.228	ppbv	
74) 1,2,4-Trimethylbenzene	16.77	105	196112m	0.489	ppbv	

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

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