

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL040621\
 Data File : VL036711.D
 Acq On : 6 Apr 2021 23:47
 Operator : SY/AP
 Sample : M1877-07
 Misc : 400mL/MSVOA L
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 UP-SG-4(2021)

Manual Integrations
 APPROVED

MMDadoda
 4/12/2021 11:11:26 AM

Quant Time: Apr 11 12:01:17 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	1234830	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.18	114	3111244	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.09	117	2801499	10.00	ppbv	0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.42	95	2194577	9.83	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	98.30%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.04	85	44428	0.221	ppbv	92
3) Chlorodifluoromethane	2.99	51	74795m	0.324	ppbv	
4) Chloromethane	3.14	50	29137	0.358	ppbv	95
9) Propene	3.02	41	395176	5.373	ppbv #	73
10) Heptane	8.12	43	265689	1.418	ppbv	97
11) Trichlorofluoromethane	3.95	101	96287	0.469	ppbv	90
13) Ethanol	3.61	45	593155	67.723	ppbv	92
15) Acetone	3.84	43	1614664m	13.285	ppbv	
17) tert-Butyl alcohol	4.31	59	20640m	0.195	ppbv	
19) Isopropyl Alcohol	3.98	45	616103	9.215	ppbv	100
20) Methylene Chloride	4.34	84	1248538	21.941	ppbv	95
26) Hexane	5.69	57	1110088	8.279	ppbv #	47
27) Carbon Disulfide	4.55	76	102809	0.778	ppbv #	91
29) Chloroform	5.76	83	55240m	0.258	ppbv	
34) 2-Butanone	5.25	43	228720	1.506	ppbv	96
35) Carbon Tetrachloride	7.02	117	11986m	0.050	ppbv	
36) Benzene	6.89	78	43069m	0.150	ppbv	
38) Trichloroethene	7.83	130	46446m	0.416	ppbv	
44) 2,2,4-Trimethylpentane	7.87	57	119718	0.237	ppbv #	73
52) Tetrachloroethene	11.23	164	3201544	30.300	ppbv	96
53) Toluene	9.81	91	260869	0.854	ppbv	99
59) m/p-Xylene	12.96	91	130635m	0.367	ppbv	
60) o-Xylene	13.70	91	65604m	0.191	ppbv	
69) p-Isopropyltoluene	17.66	119	68464	0.155	ppbv	94
73) 1,3,5-Trimethylbenzene	16.00	105	55059m	0.157	ppbv	
74) 1,2,4-Trimethylbenzene	16.77	105	128047	0.340	ppbv #	73

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

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