

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL040621\
 Data File : VL036709.D
 Acq On : 6 Apr 2021 22:27
 Operator : SY/AP
 Sample : M1877-09
 Misc : 400mL/MSVOA L
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 UP-SG-6(2021)

Manual Integrations
 APPROVED

MMDadoda
 4/12/2021 11:11:18 AM

Quant Time: Apr 07 06:18:33 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	1267858	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.18	114	3137356	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.09	117	2777473	10.00	ppbv	0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.42	95	2161916	9.77	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	97.70%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.05	85	44089	0.213	ppbv	98
3) Chlorodifluoromethane	2.99	51	71980	0.304	ppbv #	84
4) Chloromethane	3.14	50	25703	0.307	ppbv #	87
9) Propene	3.01	41	36661	0.485	ppbv	90
11) Trichlorofluoromethane	3.95	101	77228	0.366	ppbv	95
13) Ethanol	3.61	45	271518	30.193	ppbv	95
15) Acetone	3.84	43	1916751	15.360	ppbv	99
17) tert-Butyl alcohol	4.32	59	77258m	0.711	ppbv	
19) Isopropyl Alcohol	3.99	45	92277	1.344	ppbv #	1
20) Methylene Chloride	4.34	84	1055490	18.066	ppbv	90
26) Hexane	5.69	57	720288	5.232	ppbv #	48
29) Chloroform	5.75	83	209332	0.951	ppbv	95
34) 2-Butanone	5.25	43	104081	0.680	ppbv #	89
35) Carbon Tetrachloride	7.02	117	10622m	0.044	ppbv	
36) Benzene	6.89	78	29979m	0.104	ppbv	
38) Trichloroethene	7.84	130	4218m	0.037	ppbv	
53) Toluene	9.81	91	106471	0.346	ppbv	98
59) m/p-Xylene	12.97	91	54413m	0.154	ppbv	
69) p-Isopropyltoluene	17.67	119	51072m	0.116	ppbv	
70) n-Butylbenzene	18.57	91	50286m	0.111	ppbv	
72) 4-Ethyltoluene	15.85	105	38612m	0.103	ppbv	
73) 1,3,5-Trimethylbenzene	16.00	105	34165m	0.098	ppbv	
74) 1,2,4-Trimethylbenzene	16.76	105	104476m	0.280	ppbv	

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

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