

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL040221\
 Data File : VL036655.D
 Acq On : 2 Apr 2021 21:41
 Operator : SY/AP
 Sample : M1853-04
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SOFF-SG-04

Manual Integrations
 APPROVED

apatel
 4/5/2021 1:14:10 PM

Quant Time: Apr 04 16:51:09 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL032521AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu Mar 2
 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	5.65	49	1187591	10.00	ppbv	-0.02
33) 1,4-Difluorobenzene	7.16	114	3117094	10.00	ppbv	-0.02
55) Chlorobenzene-d5	12.06	117	2791943	10.00	ppbv	-0.03

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.39	95	2211637	9.94	ppbv	-0.03
Spiked Amount	10.000	Range	65 - 135	Recovery	=	99.40%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.03	85	41924	0.216	ppbv	89
3) Chlorodifluoromethane	2.98	51	324597	1.463	ppbv	96
4) Chloromethane	3.12	50	15984m	0.204	ppbv	
9) Propene	3.01	41	23104m	0.327	ppbv	
10) Heptane	8.10	43	22517m	0.125	ppbv	
11) Trichlorofluoromethane	3.94	101	38134m	0.193	ppbv	
13) Ethanol	3.60	45	2018089	239.578	ppbv	93
15) Acetone	3.83	43	1308485	11.194	ppbv	96
19) Isopropyl Alcohol	3.97	45	390119	6.067	ppbv #	1
20) Methylene Chloride	4.33	84	1728324	31.581	ppbv	94
26) Hexane	5.66	57	1441604	11.179	ppbv #	47
30) Cyclohexane	7.10	84	20441m	0.195	ppbv	
34) 2-Butanone	5.23	43	60326	0.396	ppbv #	81
35) Carbon Tetrachloride	6.99	117	10485m	0.044	ppbv	
36) Benzene	6.86	78	29873	0.104	ppbv #	93
41) Tetrahydrofuran	6.04	42	13040m	0.186	ppbv	
44) 2,2,4-Trimethylpentane	7.85	57	70637m	0.140	ppbv	
52) Tetrachloroethene	11.20	164	4572m	0.043	ppbv	
53) Toluene	9.79	91	192591m	0.629	ppbv	
58) Ethyl Benzene	12.69	91	57638	0.142	ppbv	91
59) m/p-Xylene	12.94	91	224507m	0.634	ppbv	
60) o-Xylene	13.67	91	82206	0.240	ppbv	97
69) p-Isopropyltoluene	17.64	119	141606m	0.321	ppbv	
70) n-Butylbenzene	18.55	91	97224m	0.213	ppbv	
72) 4-Ethyltoluene	15.82	105	42465	0.113	ppbv #	95
73) 1,3,5-Trimethylbenzene	15.98	105	35507m	0.101	ppbv	
74) 1,2,4-Trimethylbenzene	16.74	105	128030	0.341	ppbv #	65

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

