

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL032621\
 Data File : VL036520.D
 Acq On : 26 Mar 2021 19:12
 Operator : SY/AP
 Sample : M1760-15
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SS-2-MUSIC-RM

Manual Integrations
 APPROVED

MMDadoda
 3/29/2021 4:39:30 PM

Quant Time: Mar 28 21:16:16 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL032521AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu Mar 28 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	5.68	49	1448998	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.19	114	3246941	10.00	ppbv	0.01
55) Chlorobenzene-d5	12.10	117	3100524	10.00	ppbv	0.01

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.44	95	2417875	9.78	ppbv	0.01
Spiked Amount	10.000	Range	65 - 135	Recovery	=	97.80%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.06	85	50770	0.215	ppbv	100
4) Chloromethane	3.15	50	629742	6.586	ppbv	99
6) Bromomethane	3.48	94	6510m	0.120	ppbv	
7) Chloroethane	3.57	64	14615	0.433	ppbv #	87
9) Propene	3.02	41	110480	1.280	ppbv	88
11) Trichlorofluoromethane	3.96	101	58910m	0.245	ppbv	
13) Ethanol	3.62	45	4457841	433.741	ppbv	94
15) Acetone	3.86	43	1902916	13.343	ppbv	96
17) tert-Butyl alcohol	4.32	59	91131	0.734	ppbv #	87
19) Isopropyl Alcohol	3.99	45	1307230	16.663	ppbv	98
20) Methylene Chloride	4.36	84	122941m	1.841	ppbv	
23) Vinyl Acetate	5.08	43	389445	1.596	ppbv #	94
25) Ethyl Acetate	5.69	43	1244650	3.671	ppbv	97
26) Hexane	5.70	57	484247m	3.078	ppbv	
29) Chloroform	5.76	83	146674	0.583	ppbv #	80
31) cis-1,2-Dichloroethene	5.56	61	211120	1.387	ppbv	94
32) 1,1,1-Trichloroethane	6.53	97	24132m	0.095	ppbv	
34) 2-Butanone	5.26	43	252476	1.593	ppbv	95
35) Carbon Tetrachloride	7.03	117	19861m	0.080	ppbv	
36) Benzene	6.90	78	85228m	0.285	ppbv	
38) Trichloroethene	7.85	130	783066	6.719	ppbv	98
51) 2-Hexanone	10.16	43	68583m	0.593	ppbv	
52) Tetrachloroethene	11.24	164	10250m	0.093	ppbv	
53) Toluene	9.82	91	357860	1.122	ppbv	100
59) m/p-Xylene	12.99	91	118756m	0.302	ppbv	
60) o-Xylene	13.71	91	54840m	0.144	ppbv	
61) Styrene	13.54	104	51706m	0.270	ppbv	
74) 1,2,4-Trimethylbenzene	16.78	105	70182	0.169	ppbv #	67
76) 1,4-Dichlorobenzene	17.16	146	105460m	0.453	ppbv	

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

