

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL032921\
 Data File : VL036550.D
 Acq On : 29 Mar 2021 22:20
 Operator : SY/AP
 Sample : M1759-04
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 EP-104

Manual Integrations
 APPROVED

MMDadoda
 3/30/2021 7:44:22 PM

Quant Time: Mar 30 11:40:03 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	5.65	49	1569395	10.00	ppbv	-0.02
33) 1,4-Difluorobenzene	7.16	114	3439841	10.00	ppbv	-0.02
55) Chlorobenzene-d5	12.07	117	3344379	10.00	ppbv	-0.03

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.40	95	2543285	9.54	ppbv	-0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	95.40%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.03	85	37255	0.146	ppbv	92
3) Chlorodifluoromethane	2.98	51	55666	0.190	ppbv	93
4) Chloromethane	3.13	50	52299	0.505	ppbv #	79
9) Propene	3.01	41	37026m	0.396	ppbv	
11) Trichlorofluoromethane	3.94	101	55699	0.214	ppbv #	73
13) Ethanol	3.62	45	14910140	1339.441	ppbv	96
15) Acetone	3.83	43	3087062	19.985	ppbv	99
17) tert-Butyl alcohol	4.31	59	156765m	1.166	ppbv	
19) Isopropyl Alcohol	3.99	45	2918426	34.346	ppbv #	95
20) Methylene Chloride	4.33	84	59139	0.818	ppbv	97
28) Methyl tert-Butyl Ether	4.98	73	112195m	0.558	ppbv	
29) Chloroform	5.74	83	72267m	0.265	ppbv	
32) 1,1,1-Trichloroethane	6.50	97	11193m	0.041	ppbv	
34) 2-Butanone	5.23	43	272243	1.621	ppbv	97
35) Carbon Tetrachloride	7.00	117	23512m	0.089	ppbv	
36) Benzene	6.87	78	88423	0.279	ppbv #	91
38) Trichloroethene	7.82	130	114096m	0.924	ppbv	
41) Tetrahydrofuran	6.04	42	51339m	0.663	ppbv	
52) Tetrachloroethene	11.21	164	5543m	0.047	ppbv	
53) Toluene	9.79	91	217420	0.644	ppbv	98
58) Ethyl Benzene	12.70	91	47802m	0.098	ppbv	
59) m/p-Xylene	12.96	91	138332m	0.326	ppbv	
60) o-Xylene	13.67	91	55526m	0.135	ppbv	
61) Styrene	13.51	104	94420m	0.457	ppbv	
74) 1,2,4-Trimethylbenzene	16.74	105	61469	0.137	ppbv #	68
75) 1,3-Dichlorobenzene	16.97	146	40459m	0.160	ppbv	
76) 1,4-Dichlorobenzene	17.12	146	131517m	0.524	ppbv	

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

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