

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL111821\
 Data File : VL038063.D
 Acq On : 18 Nov 2021 21:07
 Operator : SY/AP
 Sample : M4704-01DUP
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA L
 ClientSampleId :
 15-JOHNUP

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 11/25/2021
 Supervised By :Mahesh Dadoda 11/29/2021

Quant Time: Nov 19 08:03:48 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL111821A
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument:
 QLast Update : Thu Nov 18 13:16:09 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.67	49	887216	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.18	114	2502654	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.08	117	2068774	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.41	95	1529603	10.25	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	102.50%

Target Compounds

						Ovalue
2) Dichlorodifluoromethane	3.06	85	29526	0.201	ppbv	98
4) Chloromethane	3.15	50	27012	0.426	ppbv	99
9) Propene	3.02	41	1904976	27.762	ppbv	96
10) Heptane	8.12	43	184947	1.091	ppbv	99
11) Trichlorofluoromethane	3.96	101	33035	0.237	ppbv	97
13) Ethanol	3.61	45	374623	56.495	ppbv	89
15) Acetone	3.85	43	13107958	170.404	ppbv #	85
17) tert-Butyl alcohol	4.30	59	93258m	0.999	ppbv	
19) Isopropyl Alcohol	3.97	45	334330m	6.015	ppbv	
20) Methylene Chloride	4.35	84	124402	2.887	ppbv	98
26) Hexane	5.69	57	358547	2.910	ppbv #	37
27) Carbon Disulfide	4.56	76	197243	1.787	ppbv	98
29) Chloroform	5.76	83	53855	0.297	ppbv	93
30) Cyclohexane	7.13	84	54320	0.486	ppbv #	83
34) 2-Butanone	5.25	43	586387	5.811	ppbv	99
35) Carbon Tetrachloride	7.02	117	7832m	0.045	ppbv	
36) Benzene	6.90	78	402999	1.614	ppbv	98
38) Trichloroethene	7.83	130	4730m	0.050	ppbv	
44) 2,2,4-Trimethylpentane	7.87	57	382059	0.915	ppbv #	91
52) Tetrachloroethene	11.23	164	4747m	0.051	ppbv	
53) Toluene	9.80	91	1666620	5.802	ppbv	100
58) Ethyl Benzene	12.71	91	338833	0.991	ppbv	99
59) m/p-Xylene	12.96	91	859839	2.987	ppbv	95
60) o-Xylene	13.69	91	313538	1.174	ppbv	97
64) n-propylbenzene	15.56	120	19507m	0.202	ppbv	
72) 4-Ethyltoluene	15.84	105	103821m	0.335	ppbv	
73) 1,3,5-Trimethylbenzene	16.00	105	58572	0.207	ppbv	87
74) 1,2,4-Trimethylbenzene	16.76	105	224525	0.771	ppbv #	67

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

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