

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL071222\
 Data File : VL039455.D
 Acq On : 12 Jul 2022 19:30
 Operator : SY/AP
 Sample : N3660-06 2X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SG-9

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 07/13/2022
 Supervised By : Mahesh Dadoda 07/13/2022

Quant Time: Jul 13 01:38:51 2022

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL062922AIR.M

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed Jul 13 11:30:53 2022

QLast Update : Wed Jul 06 02:15:38 2022

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Bromochloromethane	5.687	49	1558869	10.000	ppbv	0.04
33) 1,4-Difluorobenzene	7.195	114	4260566	10.000	ppbv	0.04
55) Chlorobenzene-d5	12.105	117	3920614	10.000	ppbv	0.04
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.436	95	2856766	9.822	ppbv	0.04
Spiked Amount	10.000	Range	65 - 135	Recovery	=	98.200%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	3.063	85	100231	0.446	ppbv	96
3) Chlorodifluoromethane	3.005	51	36851m	0.186	ppbv	
4) Chloromethane	3.153	50	14959m	0.138	ppbv	
9) Propene	3.028	41	56217m	0.629	ppbv	
10) Heptane	8.140	43	62985	0.301	ppbv	93
11) Trichlorofluoromethane	3.967	101	467801	1.867	ppbv	100
13) Ethanol	3.613	45	518277	100.018	ppbv	73
15) Acetone	3.864	43	1593047	8.638	ppbv	94
17) tert-Butyl alcohol	4.311	59	134706	0.861	ppbv	98
19) Isopropyl Alcohol	3.976	45	112993m	1.149	ppbv	
20) Methylene Chloride	4.362	84	1407538	19.148	ppbv	98
26) Hexane	5.706	57	2567964	16.846	ppbv #	39
27) Carbon Disulfide	4.571	76	221026	1.201	ppbv	96
29) Chloroform	5.771	83	132516	0.500	ppbv	87
30) Cyclohexane	7.147	84	23053m	0.166	ppbv	
32) 1,1,1-Trichloroethane	6.533	97	22998	0.088	ppbv	90
34) 2-Butanone	5.266	43	155344	0.724	ppbv #	89
38) Trichloroethene	7.854	130	43189	0.242	ppbv	92
44) 2,2,4-Trimethylpentane	7.886	57	78964m	0.141	ppbv	
52) Tetrachloroethene	11.243	164	162071	1.221	ppbv	88
53) Toluene	9.822	91	534658	1.406	ppbv	99
58) Ethyl Benzene	12.732	91	244295	0.483	ppbv	94
59) m/p-Xylene	12.982	91	666426m	1.493	ppbv	
60) o-Xylene	13.709	91	311922	0.738	ppbv	100
65) tert-Butylbenzene	16.780	119	65076m	0.109	ppbv	
72) 4-Ethyltoluene	15.857	105	117471m	0.236	ppbv	
73) 1,3,5-Trimethylbenzene	16.018	105	177694	0.389	ppbv	95
74) 1,2,4-Trimethylbenzene	16.780	105	558114	1.105	ppbv #	71
79) Naphthalene	22.217	128	81373m	0.234	ppbv	

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

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