

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL071222\
 Data File : VL039458.D
 Acq On : 12 Jul 2022 21:40
 Operator : SY/AP
 Sample : N3660-09 2X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SG-2

Manual Integrations
 APPROVED

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

Quant Time: Jul 13 01:41:05 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 11:32:18 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	5.684	49	1551640	10.000	ppbv	0.03
33) 1,4-Difluorobenzene	7.192	114	4221316	10.000	ppbv	0.04
55) Chlorobenzene-d5	12.101	117	3896123	10.000	ppbv	0.04
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.433	95	2989213	10.342	ppbv	0.04
Spiked Amount	10.000	Range	65 - 135	Recovery	=	103.400%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	3.057	85	99532	0.445	ppbv	95
3) Chlorodifluoromethane	3.002	51	22704	0.115	ppbv	100
4) Chloromethane	3.153	50	154669	1.437	ppbv	93
9) Propene	3.028	41	47418	0.533	ppbv	92
10) Heptane	8.140	43	127863	0.614	ppbv	94
11) Trichlorofluoromethane	3.964	101	26511	0.106	ppbv	90
13) Ethanol	3.613	45	191214	37.073	ppbv	72
15) Acetone	3.867	43	1256236	6.843	ppbv	90
17) tert-Butyl alcohol	4.308	59	82189	0.528	ppbv	97
19) Isopropyl Alcohol	3.980	45	107902	1.102	ppbv #	1
20) Methylene Chloride	4.365	84	1206819	16.494	ppbv	97
26) Hexane	5.706	57	1996787	13.160	ppbv #	38
27) Carbon Disulfide	4.568	76	320298	1.749	ppbv	94
29) Chloroform	5.774	83	29811	0.113	ppbv	92
34) 2-Butanone	5.259	43	217658	1.024	ppbv	93
38) Trichloroethene	7.857	130	30085m	0.170	ppbv	
44) 2,2,4-Trimethylpentane	7.880	57	85122m	0.154	ppbv	
52) Tetrachloroethene	11.240	164	2143837	16.300	ppbv	96
53) Toluene	9.822	91	1057869	2.807	ppbv	100
58) Ethyl Benzene	12.728	91	586060	1.165	ppbv	97
59) m/p-Xylene	12.979	91	1821316	4.106	ppbv	95
60) o-Xylene	13.706	91	672711	1.602	ppbv	99
64) n-propylbenzene	15.574	120	57110	0.352	ppbv	82
65) tert-Butylbenzene	16.773	119	90697	0.153	ppbv #	68
69) p-Isopropyltoluene	17.667	119	102757	0.152	ppbv	98
72) 4-Ethyltoluene	15.854	105	289195	0.586	ppbv	98
73) 1,3,5-Trimethylbenzene	16.011	105	267870	0.591	ppbv	99
74) 1,2,4-Trimethylbenzene	16.777	105	857354	1.709	ppbv #	68
79) Naphthalene	22.217	128	68814m	0.199	ppbv	

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

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