

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL090722\
 Data File : VL039622.D
 Acq On : 7 Sep 2022 16:54
 Operator : SY/AP
 Sample : N4494-01 4X
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA L
 ClientSampleId :
 SV-1

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 09/08/2022
 Supervised By :Mahesh Dadoda 09/08/2022

Quant Time: Sep 08 13:48:04 2022
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL081722A
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument:
 QLast Update : Fri Aug 26 06:05:16 2022
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.21	49	1074094	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	6.66	114	2754952	10.00	ppbv	0.00
55) Chlorobenzene-d5	11.47	117	2546142	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	13.78	95	1931506	10.06	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	100.60%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	2.75	85	11828	0.083	ppbv	99
3) Chlorodifluoromethane	2.68	51	182685	1.428	ppbv #	61
10) Heptane	7.59	43	22329m	0.165	ppbv	
13) Ethanol	3.26	45	229175	54.458	ppbv	71
15) Acetone	3.49	43	897624	7.461	ppbv	96
17) tert-Butyl alcohol	3.91	59	19542m	0.190	ppbv	
20) Methylene Chloride	3.95	84	143203	2.930	ppbv	98
25) Ethyl Acetate	5.23	43	140873	0.547	ppbv #	78
26) Hexane	5.23	57	196391	1.869	ppbv #	37
29) Chloroform	5.29	83	259958	1.582	ppbv	94
34) 2-Butanone	4.81	43	43911m	0.321	ppbv	
36) Benzene	6.38	78	16430	0.078	ppbv #	92
53) Toluene	9.23	91	311751	1.326	ppbv	100
58) Ethyl Benzene	12.10	91	87599	0.299	ppbv	94
59) m/p-Xylene	12.35	91	374466	1.427	ppbv	96
60) o-Xylene	13.07	91	105546	0.419	ppbv	97
72) 4-Ethyltoluene	15.20	105	93784m	0.318	ppbv	
73) 1,3,5-Trimethylbenzene	15.35	105	40152	0.149	ppbv #	81
74) 1,2,4-Trimethylbenzene	16.11	105	258750	0.863	ppbv #	67

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

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