

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL112222\
 Data File : VL039926.D
 Acq On : 22 Nov 2022 21:29
 Operator : SY/AP
 Sample : N5767-04
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 IA2

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 11/23/2022
 Supervised By : Mahesh Dadoda 11/24/2022

Quant Time: Nov 23 04:51:57 2022

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL111822AIR.M

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 2022

QLast Update : Tue Nov 22 03:45:31 2022

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.172	49	1001512	10.000	ppbv	0.02
33) 1,4-Difluorobenzene	6.635	114	2741876	10.000	ppbv	0.02
55) Chlorobenzene-d5	11.455	117	2416247	10.000	ppbv	0.02
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.767	95	1922841	10.419	ppbv	0.01
Spiked Amount	10.000	Range	65 - 135	Recovery	=	104.200%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.706	85	77925	0.543	ppbv	95
3) Chlorodifluoromethane	2.652	51	51258m	0.371	ppbv	
4) Chloromethane	2.793	50	30526	0.346	ppbv	90
9) Propene	2.681	41	104249m	1.601	ppbv	
11) Trichlorofluoromethane	3.542	101	41316	0.236	ppbv	96
13) Ethanol	3.221	45	176967	35.606	ppbv	98
15) Acetone	3.452	43	406730	3.062	ppbv	94
20) Methylene Chloride	3.912	84	242569	3.769	ppbv	99
26) Hexane	5.195	57	231913	2.177	ppbv #	38
29) Chloroform	5.253	83	669824	4.731	ppbv	98
34) 2-Butanone	4.777	43	30009	0.229	ppbv #	86
35) Carbon Tetrachloride	6.471	117	11317m	0.073	ppbv	
36) Benzene	6.349	78	80793	0.347	ppbv	94
38) Trichloroethene	7.278	130	21233m	0.163	ppbv	
42) Bromodichloromethane	7.233	83	35068m	0.202	ppbv	
44) 2,2,4-Trimethylpentane	7.307	57	52251	0.134	ppbv #	68
52) Tetrachloroethene	10.597	164	47272m	0.542	ppbv	
53) Toluene	9.208	91	183673	0.692	ppbv	97
58) Ethyl Benzene	12.079	91	58523m	0.179	ppbv	
59) m/p-Xylene	12.336	91	187944m	0.685	ppbv	
60) o-Xylene	13.047	91	63038	0.241	ppbv	99
69) p-Isopropyltoluene	16.989	119	66359m	0.178	ppbv	
73) 1,3,5-Trimethylbenzene	15.349	105	35454m	0.132	ppbv	
74) 1,2,4-Trimethylbenzene	16.104	105	94601	0.332	ppbv #	70

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

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