

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL052124\
 Data File : VL041278.D
 Acq On : 21 May 2024 23:39
 Operator : SY/MD
 Sample : P2533-03RE
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 IA1RE

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 05/22/2024
 Supervised By :Mahesh Dadoda 05/22/2024

Quant Time: May 22 05:49:44 2024

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL042924AIR.M

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 2

QLast Update : Wed May 22 05:39:49 2024

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.201	49	767994	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.661	114	2041567	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.465	117	2059988	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.773	95	1613130	10.373	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	103.700%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.755	85	29197	0.281	ppbv	95
3) Chlorodifluoromethane	2.700	51	384012	3.292	ppbv	99
4) Chloromethane	2.838	50	30972	0.677	ppbv	96
9) Propene	2.729	41	60962m	1.335	ppbv	
10) Heptane	7.578	43	13035	0.118	ppbv	87
11) Trichlorofluoromethane	3.581	101	25620	0.243	ppbv	95
12) 1,1,2-Trichlorotrifluo...	4.079	101	5128m	0.066	ppbv	
13) Ethanol	3.266	45	6609410	645.911	ppbv	98
15) Acetone	3.484	43	1493357	16.476	ppbv	97
19) Isopropyl Alcohol	3.603	45	5390719	90.638	ppbv #	43
20) Methylene Chloride	3.947	84	112911	3.582	ppbv	96
25) Ethyl Acetate	5.211	43	595578	3.292	ppbv #	96
26) Hexane	5.221	57	140510	1.740	ppbv #	23
29) Chloroform	5.285	83	24766m	0.222	ppbv	
34) 2-Butanone	4.803	43	54810	0.527	ppbv	93
35) Carbon Tetrachloride	6.510	117	8354m	0.073	ppbv	
36) Benzene	6.375	78	40728	0.238	ppbv	95
38) Trichloroethene	7.288	130	2202m	0.034	ppbv	
44) 2,2,4-Trimethylpentane	7.327	57	51663m	0.175	ppbv	
52) Tetrachloroethene	10.616	164	150959	2.507	ppbv	94
53) Toluene	9.224	91	139117	0.700	ppbv	96
58) Ethyl Benzene	12.089	91	26656m	0.094	ppbv	
59) m/p-Xylene	12.346	91	78325m	0.330	ppbv	
60) o-Xylene	13.060	91	29570m	0.133	ppbv	
61) Styrene	12.899	104	36518	0.311	ppbv	99
69) p-Isopropyltoluene	16.992	119	64769m	0.187	ppbv	
74) 1,2,4-Trimethylbenzene	16.101	105	33284m	0.134	ppbv	
76) 1,4-Dichlorobenzene	16.474	146	31778	0.231	ppbv	94

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

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