

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL052124\
 Data File : VL041269.D
 Acq On : 21 May 2024 17:33
 Operator : SY/MD
 Sample : P2533-03
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 IA1

Manual Integrations
 APPROVED

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

Quant Time: May 22 05:46:14 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	5.198	49	886258	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.658	114	2203521	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.468	117	2187359	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.777	95	1708013	10.343	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	103.400%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.742	85	35887	0.299	ppbv	96
3) Chlorodifluoromethane	2.687	51	420545	3.124	ppbv	99
4) Chloromethane	2.832	50	33552m	0.635	ppbv	
9) Propene	2.716	41	70707m	1.342	ppbv	
10) Heptane	7.581	43	17602m	0.138	ppbv	
11) Trichlorofluoromethane	3.575	101	29283	0.240	ppbv #	81
12) 1,1,2-Trichlorotrifluo...	4.079	101	8267m	0.092	ppbv	
13) Ethanol	3.256	45	6742354	570.978	ppbv	100
15) Acetone	3.475	43	1548508	14.805	ppbv	99
19) Isopropyl Alcohol	3.594	45	5566104	81.098	ppbv #	43
20) Methylene Chloride	3.941	84	193090	5.309	ppbv	94
25) Ethyl Acetate	5.208	43	716262	3.431	ppbv	97
26) Hexane	5.218	57	206228	2.214	ppbv #	55
29) Chloroform	5.282	83	25000m	0.195	ppbv	
34) 2-Butanone	4.793	43	66018	0.589	ppbv	97
35) Carbon Tetrachloride	6.491	117	8827m	0.071	ppbv	
36) Benzene	6.372	78	43383	0.235	ppbv #	89
38) Trichloroethene	7.298	130	3343m	0.049	ppbv	
44) 2,2,4-Trimethylpentane	7.324	57	62488m	0.196	ppbv	
52) Tetrachloroethene	10.616	164	191863	2.952	ppbv	95
53) Toluene	9.224	91	163027	0.760	ppbv	100
58) Ethyl Benzene	12.089	91	29011m	0.097	ppbv	
59) m/p-Xylene	12.340	91	94300m	0.374	ppbv	
60) o-Xylene	13.066	91	37368m	0.158	ppbv	
61) Styrene	12.902	104	43308m	0.347	ppbv	
69) p-Isopropyltoluene	16.992	119	74463	0.203	ppbv	95
74) 1,2,4-Trimethylbenzene	16.105	105	38203	0.144	ppbv #	65
76) 1,4-Dichlorobenzene	16.474	146	37249	0.255	ppbv	97

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

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