

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL092524\
 Data File : VL041625.D
 Acq On : 25 Sep 2024 15:56
 Operator : SY/MD
 Sample : P4174-02DUP
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 IA1DUP

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 09/26/2024
 Supervised By :Mahesh Dadoda 09/26/2024

Quant Time: Sep 26 01:20:47 2024

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL091624AIR.M

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

QLast Update : Tue Sep 17 09:12:21 2024

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.169	49	1002961	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.632	114	2628694	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.452	117	2384486	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.764	95	1760911	10.032	ppbv	0.01
Spiked Amount	10.000	Range	65 - 135	Recovery	=	100.300%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.703	85	28824	0.199	ppbv	93
3) Chlorodifluoromethane	2.645	51	421190	3.462	ppbv	97
4) Chloromethane	2.783	50	34554	0.516	ppbv	94
9) Propene	2.677	41	67655	1.318	ppbv #	69
11) Trichlorofluoromethane	3.536	101	35178	0.228	ppbv	96
13) Ethanol	3.221	45	2176589	564.216	ppbv	95
15) Acetone	3.439	43	3009355	23.900	ppbv	99
19) Isopropyl Alcohol	3.568	45	24683798	382.942	ppbv #	96
20) Methylene Chloride	3.909	84	27300	0.577	ppbv	93
26) Hexane	5.188	57	19755	0.210	ppbv #	57
29) Chloroform	5.256	83	103802m	0.673	ppbv	
34) 2-Butanone	4.767	43	119527	0.954	ppbv	96
35) Carbon Tetrachloride	6.468	117	12240m	0.095	ppbv	
36) Benzene	6.349	78	22133	0.121	ppbv #	83
41) Tetrahydrofuran	5.545	42	17626m	0.256	ppbv	
43) Methyl Methacrylate	7.462	69	40663	0.622	ppbv	90
50) 4-Methyl-2-Pentanone	8.172	43	39299	0.203	ppbv	97
52) Tetrachloroethene	10.603	164	3933m	0.059	ppbv	
53) Toluene	9.204	91	49259	0.254	ppbv	95
58) Ethyl Benzene	12.072	91	51715m	0.203	ppbv	
59) m/p-Xylene	12.333	91	179699	0.791	ppbv	96
60) o-Xylene	13.043	91	75611m	0.347	ppbv	
64) n-propylbenzene	14.902	120	18779m	0.220	ppbv	
72) 4-Ethyltoluene	15.178	105	97900	0.385	ppbv #	91
73) 1,3,5-Trimethylbenzene	15.336	105	87114m	0.387	ppbv	
74) 1,2,4-Trimethylbenzene	16.091	105	268986	1.022	ppbv #	70
79) Naphthalene	21.374	128	38487m	0.199	ppbv	

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

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