

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL061124\
 Data File : VL041345.D
 Acq On : 11 Jun 2024 13:36
 Operator : SY/MD
 Sample : P2837-02DUP
 Misc : 400mL/MSVOA_L
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 IA1DUP

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 06/12/2024
 Supervised By :Mahesh Dadoda 06/12/2024

Quant Time: Jun 12 01:23:09 2024

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL060424AIR.M

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

QLast Update : Wed Jun 12 01:18:29 2024

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.208	49	1034533	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.664	114	2719634	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.471	117	2542277	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.783	95	1917653	9.770	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	97.700%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.761	85	45373	0.275	ppbv	92
4) Chloromethane	2.841	50	37804	0.614	ppbv	92
9) Propene	2.732	41	38278m	0.657	ppbv	
10) Heptane	7.587	43	65921	0.478	ppbv	88
11) Trichlorofluoromethane	3.584	101	36674	0.241	ppbv	99
13) Ethanol	3.259	45	2151775	142.033	ppbv	100
15) Acetone	3.491	43	1105783	9.362	ppbv	99
19) Isopropyl Alcohol	3.600	45	289006	3.895	ppbv #	1
20) Methylene Chloride	3.954	84	1082238	25.208	ppbv	95
26) Hexane	5.227	57	1669996	15.892	ppbv #	40
29) Chloroform	5.288	83	18380m	0.114	ppbv	
30) Cyclohexane	6.616	84	33003	0.387	ppbv	86
34) 2-Butanone	4.803	43	107547	0.825	ppbv	96
35) Carbon Tetrachloride	6.516	117	11771m	0.076	ppbv	
36) Benzene	6.381	78	55973	0.266	ppbv #	90
38) Trichloroethene	7.304	130	120661	1.412	ppbv	85
44) 2,2,4-Trimethylpentane	7.336	57	112671	0.311	ppbv #	77
52) Tetrachloroethene	10.626	164	149755	1.948	ppbv	94
53) Toluene	9.230	91	235804	0.973	ppbv	98
58) Ethyl Benzene	12.101	91	93045m	0.286	ppbv	
59) m/p-Xylene	12.346	91	239128m	0.856	ppbv	
60) o-Xylene	13.060	91	92998m	0.349	ppbv	
64) n-propylbenzene	14.918	120	13843m	0.133	ppbv	
72) 4-Ethyltoluene	15.194	105	73283m	0.236	ppbv	
73) 1,3,5-Trimethylbenzene	15.358	105	52969	0.197	ppbv #	76
74) 1,2,4-Trimethylbenzene	16.111	105	203913	0.670	ppbv #	73
79) Naphthalene	21.394	128	29959m	0.113	ppbv	

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

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