

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL072224\
 Data File : VL041386.D
 Acq On : 22 Jul 2024 14:44
 Operator : SY/MD
 Sample : P3259-03DUP
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 IA1DUP

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 07/23/2024
 Supervised By :Semsettin Yesilyurt 07/24/2024

Quant Time: Jul 23 03:15:30 2024

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL062624AIR.M

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

QLast Update : Tue Jul 23 02:50:01 2024

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.246	49	835420	10.000	ppbv	0.04
33) 1,4-Difluorobenzene	6.684	114	2390931	10.000	ppbv	0.02
55) Chlorobenzene-d5	11.474	117	2250718	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.777	95	1707863	10.124	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	101.200%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.729	85	87509	0.614	ppbv	99
3) Chlorodifluoromethane	2.674	51	44747m	0.311	ppbv	
4) Chloromethane	2.812	50	57641m	1.047	ppbv	
9) Propene	2.706	41	126159	2.531	ppbv #	75
10) Heptane	7.529	43	1393162m	11.899	ppbv	
11) Trichlorofluoromethane	3.552	101	539651	3.889	ppbv #	25
13) Ethanol	3.304	45	10008020	905.045	ppbv	87
15) Acetone	3.468	43	72771449m	659.549	ppbv	
17) tert-Butyl alcohol	3.931	59	154895m	1.820	ppbv	
19) Isopropyl Alcohol	3.629	45	12967974	214.098	ppbv #	94
20) Methylene Chloride	3.976	84	616674	15.403	ppbv	98
23) Vinyl Acetate	4.658	43	338150m	3.109	ppbv	
25) Ethyl Acetate	5.240	43	23097287	113.685	ppbv #	57
26) Hexane	5.208	57	579716	6.444	ppbv #	1
29) Chloroform	5.320	83	16503	0.119	ppbv	90
32) 1,1,1-Trichloroethane	6.037	97	129609m	0.890	ppbv	
34) 2-Butanone	4.828	43	397351	3.149	ppbv	100
35) Carbon Tetrachloride	6.523	117	7973m	0.050	ppbv	
36) Benzene	6.401	78	78292	0.396	ppbv	94
37) 1,2-Dichloroethane	5.841	62	14443m	0.127	ppbv	
44) 2,2,4-Trimethylpentane	7.327	57	51396m	0.153	ppbv	
50) 4-Methyl-2-Pentanone	8.192	43	38035m	0.188	ppbv	
52) Tetrachloroethene	10.619	164	5866m	0.074	ppbv	
53) Toluene	9.237	91	2422600	10.855	ppbv	99
58) Ethyl Benzene	12.092	91	160590	0.533	ppbv	93
59) m/p-Xylene	12.349	91	656298	2.518	ppbv	95
60) o-Xylene	13.060	91	309492	1.258	ppbv	100
61) Styrene	12.902	104	14651m	0.123	ppbv	
62) Isopropylbenzene	14.031	105	62204	0.164	ppbv	98
64) n-propylbenzene	14.918	120	37110m	0.374	ppbv	
65) tert-Butylbenzene	16.111	119	82686	0.245	ppbv #	63
67) sec-Butylbenzene	16.635	105	49807m	0.104	ppbv	
69) p-Isopropyltoluene	16.992	119	66683m	0.169	ppbv	
70) n-Butylbenzene	17.895	91	53772m	0.133	ppbv	
72) 4-Ethyltoluene	15.195	105	191769	0.655	ppbv #	94
73) 1,3,5-Trimethylbenzene	15.352	105	245050	0.977	ppbv	97
74) 1,2,4-Trimethylbenzene	16.105	105	696542	2.465	ppbv #	73
79) Naphthalene	21.394	128	20682m	0.136	ppbv	

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

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