

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL072524\
 Data File : VL041413.D
 Acq On : 26 Jul 2024 9:24
 Operator : SY/MD
 Sample : P3342-04
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 ACVI-IA-01

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 07/29/2024
 Supervised By :Mahesh Dadoda 07/29/2024

Quant Time: Jul 29 01:46:15 2024

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL072524AIR.M

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

QLast Update : Fri Jul 26 07:31:14 2024

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.176	49	966676	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.639	114	2713664	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.455	117	2543114	10.000	ppbv	# 0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.764	95	1901207	9.714	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	97.100%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.709	85	35955	0.216	ppbv	92
3) Chlorodifluoromethane	2.655	51	31550m	0.274	ppbv	
4) Chloromethane	2.793	50	48662	0.795	ppbv	# 85
9) Propene	2.687	41	108586m	2.054	ppbv	
10) Heptane	7.565	43	279130	2.350	ppbv	100
11) Trichlorofluoromethane	3.542	101	35738	0.242	ppbv	91
13) Ethanol	3.227	45	8054904	1704.777	ppbv	92
15) Acetone	3.449	43	1309425	11.922	ppbv	# 66
17) tert-Butyl alcohol	3.870	59	67798m	0.677	ppbv	
19) Isopropyl Alcohol	3.568	45	1568690	24.430	ppbv	100
20) Methylene Chloride	3.915	84	181266	4.426	ppbv	93
26) Hexane	5.198	57	1355075	14.970	ppbv	# 45
27) Carbon Disulfide	4.105	76	16790	0.159	ppbv	# 74
29) Chloroform	5.262	83	24864	0.168	ppbv	83
30) Cyclohexane	6.587	84	84605	1.148	ppbv	89
34) 2-Butanone	4.770	43	212407m	1.618	ppbv	
35) Carbon Tetrachloride	6.471	117	10210m	0.068	ppbv	
36) Benzene	6.352	78	675118	3.405	ppbv	99
43) Methyl Methacrylate	7.462	69	38520	0.542	ppbv	# 72
44) 2,2,4-Trimethylpentane	7.314	57	773293	2.335	ppbv	# 82
50) 4-Methyl-2-Pentanone	8.175	43	41588m	0.201	ppbv	
52) Tetrachloroethene	10.600	164	9306m	0.121	ppbv	
53) Toluene	9.208	91	2839197	12.855	ppbv	100
58) Ethyl Benzene	12.076	91	728571	2.486	ppbv	96
59) m/p-Xylene	12.333	91	874585	3.456	ppbv	96
60) o-Xylene	13.047	91	328241	1.371	ppbv	98
61) Styrene	12.886	104	340598	3.154	ppbv	99
72) 4-Ethyltoluene	15.182	105	36766m	0.130	ppbv	
73) 1,3,5-Trimethylbenzene	15.342	105	24971m	0.103	ppbv	
74) 1,2,4-Trimethylbenzene	16.098	105	87185	0.309	ppbv	# 69

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

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