

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL072924\
 Data File : VL041435.D
 Acq On : 29 Jul 2024 19:02
 Operator : SY/MD
 Sample : P3342-12 4X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 ACVI-SS-06

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 07/30/2024
 Supervised By :Semsettin Yesilyurt 07/30/2024

Quant Time: Jul 30 02:53:02 2024

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

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

QLast Update : Tue Jul 30 02:42:20 2024

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.192	49	1114611	10.000	ppbv	0.01
33) 1,4-Difluorobenzene	6.651	114	3038335	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.468	117	2843572	10.000	ppbv	# 0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.777	95	2248620	10.276	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	102.800%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.725	85	25659	0.134	ppbv	99
4) Chloromethane	2.809	50	17161	0.243	ppbv	93
10) Heptane	7.581	43	264610	1.932	ppbv	99
13) Ethanol	3.237	45	674114	123.737	ppbv	98
15) Acetone	3.465	43	1008470	7.963	ppbv	92
19) Isopropyl Alcohol	3.584	45	105823m	1.429	ppbv	
20) Methylene Chloride	3.934	84	850921	18.018	ppbv	96
26) Hexane	5.211	57	1143570	10.957	ppbv	# 38
29) Chloroform	5.275	83	16343	0.096	ppbv	83
30) Cyclohexane	6.603	84	52222	0.614	ppbv	87
34) 2-Butanone	4.787	43	46002m	0.313	ppbv	
36) Benzene	6.368	78	435245	1.960	ppbv	97
38) Trichloroethene	7.288	130	7235m	0.071	ppbv	
44) 2,2,4-Trimethylpentane	7.330	57	416754	1.124	ppbv	# 81
52) Tetrachloroethene	10.619	164	2946479	34.347	ppbv	98
53) Toluene	9.220	91	2655944	10.740	ppbv	100
58) Ethyl Benzene	12.088	91	515887	1.574	ppbv	97
59) m/p-Xylene	12.342	91	1571480	5.554	ppbv	97
60) o-Xylene	13.056	91	518277	1.936	ppbv	99
61) Styrene	12.899	104	35968	0.298	ppbv	92
64) n-propylbenzene	14.915	120	20529m	0.193	ppbv	
65) tert-Butylbenzene	16.117	119	37606m	0.102	ppbv	
72) 4-Ethyltoluene	15.194	105	126678	0.402	ppbv	# 97
73) 1,3,5-Trimethylbenzene	15.355	105	80005	0.295	ppbv	92
74) 1,2,4-Trimethylbenzene	16.111	105	341972	1.084	ppbv	# 68

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

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