

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL080824\
 Data File : VL041517.D
 Acq On : 8 Aug 2024 17:52
 Operator : SY/MD
 Sample : P3496-05 2X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SV-4

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 08/09/2024
 Supervised By :Mahesh Dadoda 08/09/2024

Quant Time: Aug 09 05:57:17 2024

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

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 9

QLast Update : Tue Aug 06 01:32:58 2024

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.198	49	1183427	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.655	114	3047645	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.458	117	2938595	10.000	ppbv	# 0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.770	95	2304594	10.191	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	101.900%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.726	85	20988m	0.103	ppbv	
3) Chlorodifluoromethane	2.674	51	20922m	0.149	ppbv	
4) Chloromethane	2.812	50	77764	1.038	ppbv	99
7) Chloroethane	3.192	64	5422	0.213	ppbv	93
9) Propene	2.690	41	4703066	72.670	ppbv	99
10) Heptane	7.574	43	1130586	7.775	ppbv	100
11) Trichlorofluoromethane	3.562	101	34172	0.189	ppbv	94
13) Ethanol	3.246	45	4071797	703.936	ppbv	96
15) Acetone	3.465	43	21755071	161.794	ppbv	# 41
17) tert-Butyl alcohol	3.890	59	850544	6.936	ppbv	100
19) Isopropyl Alcohol	3.584	45	756077	9.618	ppbv	# 93
20) Methylene Chloride	3.938	84	946739	18.881	ppbv	99
26) Hexane	5.208	57	821302	7.412	ppbv	# 8
27) Carbon Disulfide	4.121	76	692618	5.343	ppbv	98
29) Chloroform	5.282	83	40419	0.224	ppbv	87
30) Cyclohexane	6.600	84	28591	0.317	ppbv	# 63
34) 2-Butanone	4.799	43	28248396	191.612	ppbv	# 49
35) Carbon Tetrachloride	6.487	117	6050m	0.036	ppbv	
36) Benzene	6.369	78	82138	0.369	ppbv	# 89
50) 4-Methyl-2-Pentanone	8.176	43	163169	0.702	ppbv	96
51) 2-Hexanone	9.542	43	1024435	5.825	ppbv	# 97
52) Tetrachloroethene	10.606	164	3670m	0.043	ppbv	
53) Toluene	9.221	91	403511	1.627	ppbv	98
58) Ethyl Benzene	12.082	91	1224215	3.614	ppbv	96
59) m/p-Xylene	12.333	91	2516701	8.607	ppbv	95
60) o-Xylene	13.053	91	843830	3.051	ppbv	98
69) p-Isopropyltoluene	16.989	119	376548	0.867	ppbv	98
72) 4-Ethyltoluene	15.191	105	48155	0.148	ppbv	# 92
73) 1,3,5-Trimethylbenzene	15.346	105	47950m	0.171	ppbv	
74) 1,2,4-Trimethylbenzene	16.095	105	189559	0.581	ppbv	# 73
79) Naphthalene	21.378	128	31916m	0.111	ppbv	

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

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