

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL080824\
 Data File : VL041519.D
 Acq On : 8 Aug 2024 19:15
 Operator : SY/MD
 Sample : P3496-06 2X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SV-3

Manual Integrations
 APPROVED

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

Quant Time: Aug 09 05:58:24 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	5.205	49	1220997	10.000	ppbv	0.02
33) 1,4-Difluorobenzene	6.661	114	3122938	10.000	ppbv	0.01
55) Chlorobenzene-d5	11.462	117	2890057	10.000	ppbv	# 0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.767	95	2220443	9.984	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	99.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.726	85	31478	0.150	ppbv	99
3) Chlorodifluoromethane	2.671	51	29957	0.206	ppbv #	90
4) Chloromethane	2.809	50	97412	1.260	ppbv	99
7) Chloroethane	3.192	64	3975	0.151	ppbv	96
9) Propene	2.690	41	6105456	91.436	ppbv	99
10) Heptane	7.574	43	1253966	8.358	ppbv	97
11) Trichlorofluoromethane	3.558	101	55125	0.296	ppbv	89
13) Ethanol	3.256	45	6278060	1051.960	ppbv	95
15) Acetone	3.468	43	31601492m	227.790	ppbv	
17) tert-Butyl alcohol	3.896	59	1964499	15.527	ppbv	99
19) Isopropyl Alcohol	3.594	45	2327953	28.703	ppbv #	93
20) Methylene Chloride	3.941	84	1480433	28.617	ppbv	98
26) Hexane	5.208	57	1380482	12.074	ppbv #	8
27) Carbon Disulfide	4.118	76	36450m	0.273	ppbv	
29) Chloroform	5.285	83	19665	0.105	ppbv	99
30) Cyclohexane	6.600	84	20056m	0.215	ppbv	
34) 2-Butanone	4.809	43	39767519m	263.244	ppbv	
35) Carbon Tetrachloride	6.491	117	5337m	0.031	ppbv	
36) Benzene	6.372	78	48596	0.213	ppbv #	92
50) 4-Methyl-2-Pentanone	8.182	43	143417	0.602	ppbv	98
51) 2-Hexanone	9.542	43	1579693	8.765	ppbv	99
52) Tetrachloroethene	10.619	164	8670m	0.098	ppbv	
53) Toluene	9.221	91	325787	1.282	ppbv	99
57) Chlorobenzene	11.513	112	30139m	0.146	ppbv	
58) Ethyl Benzene	12.085	91	317132	0.952	ppbv	100
59) m/p-Xylene	12.336	91	668963	2.326	ppbv	96
60) o-Xylene	13.050	91	235216	0.865	ppbv	100
69) p-Isopropyltoluene	16.989	119	328129	0.768	ppbv	98
72) 4-Ethyltoluene	15.195	105	39498m	0.123	ppbv	
73) 1,3,5-Trimethylbenzene	15.339	105	34558m	0.125	ppbv	
74) 1,2,4-Trimethylbenzene	16.098	105	152947	0.477	ppbv #	70

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

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