

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL080124\
 Data File : VL041486.D
 Acq On : 1 Aug 2024 20:35
 Operator : SY/MD
 Sample : P3445-04DUP
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 2ND-FLOORDUP

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 08/02/2024
 Supervised By :Mahesh Dadoda 08/03/2024

Quant Time: Aug 02 04:14:58 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 : Fri Aug 02 03:13:29 2024

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.195	49	960502	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.658	114	2498489	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.471	117	2322869	10.000	ppbv	# 0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.780	95	1834844	10.264	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	102.600%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.735	85	34650	0.210	ppbv	96
3) Chlorodifluoromethane	2.681	51	1873172	16.382	ppbv	97
4) Chloromethane	2.816	50	74466	1.224	ppbv	99
9) Propene	2.710	41	679130m	12.929	ppbv	
10) Heptane	7.581	43	80995	0.686	ppbv	91
11) Trichlorofluoromethane	3.568	101	34222	0.233	ppbv	98
13) Ethanol	3.263	45	12767040	2719.444	ppbv	89
15) Acetone	3.468	43	6554181	60.057	ppbv	96
17) tert-Butyl alcohol	3.906	59	78034	0.784	ppbv	99
19) Isopropyl Alcohol	3.600	45	11483514	179.987	ppbv	# 96
20) Methylene Chloride	3.938	84	1067078	26.221	ppbv	97
25) Ethyl Acetate	5.211	43	923642	4.260	ppbv	# 96
27) Carbon Disulfide	4.131	76	10724m	0.102	ppbv	
29) Chloroform	5.279	83	220867	1.506	ppbv	94
30) Cyclohexane	6.610	84	17338m	0.237	ppbv	
34) 2-Butanone	4.790	43	280517	2.321	ppbv	100
35) Carbon Tetrachloride	6.500	117	11974m	0.087	ppbv	
36) Benzene	6.372	78	80670	0.442	ppbv	# 94
41) Tetrahydrofuran	5.546	42	43642m	0.631	ppbv	
44) 2,2,4-Trimethylpentane	7.330	57	453627	1.488	ppbv	91
52) Tetrachloroethene	10.626	164	2608m	0.037	ppbv	
53) Toluene	9.221	91	963539	4.738	ppbv	99
58) Ethyl Benzene	12.092	91	90205	0.337	ppbv	93
59) m/p-Xylene	12.349	91	188920	0.817	ppbv	94
60) o-Xylene	13.057	91	74054	0.339	ppbv	98
61) Styrene	12.899	104	26546m	0.269	ppbv	
69) p-Isopropyltoluene	16.995	119	920377	2.682	ppbv	99
72) 4-Ethyltoluene	15.195	105	36274m	0.141	ppbv	
73) 1,3,5-Trimethylbenzene	15.349	105	46052m	0.208	ppbv	
74) 1,2,4-Trimethylbenzene	16.114	105	137850m	0.535	ppbv	
76) 1,4-Dichlorobenzene	16.481	146	23875m	0.152	ppbv	
79) Naphthalene	21.391	128	23014m	0.101	ppbv	

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

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