

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL052424\
 Data File : VL041286.D
 Acq On : 24 May 2024 11:42
 Operator : SY/MD
 Sample : P2599-01DUP 4X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SV1DUP

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 05/28/2024
 Supervised By :Mahesh Dadoda 05/28/2024

Quant Time: May 24 23:19:53 2024

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL042924AIR.M

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

QLast Update : Fri May 24 23:11:50 2024

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.205	49	1057626	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.661	114	2697279	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.471	117	2504616	10.000	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 13.783 95 1977567 10.459 ppbv 0.00
 Spiked Amount 10.000 Range 65 - 135 Recovery = 104.600%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.751	85	18282	0.128	ppbv #	61
3) Chlorodifluoromethane	2.697	51	40875	0.254	ppbv	95
4) Chloromethane	2.832	50	7522m	0.119	ppbv	
9) Propene	2.716	41	221745	3.527	ppbv	94
10) Heptane	7.587	43	61963	0.407	ppbv	88
11) Trichlorofluoromethane	3.581	101	3688889	25.371	ppbv	96
13) Ethanol	3.262	45	63639m	4.516	ppbv	
15) Acetone	3.481	43	2236352	17.917	ppbv	91
17) tert-Butyl alcohol	3.902	59	29355	0.218	ppbv #	72
20) Methylene Chloride	3.947	84	116237	2.678	ppbv	96
26) Hexane	5.227	57	342455	3.080	ppbv #	40
27) Carbon Disulfide	4.140	76	171685	1.305	ppbv	94
29) Chloroform	5.285	83	28769m	0.188	ppbv	
30) Cyclohexane	6.606	84	33943m	0.386	ppbv	
32) 1,1,1-Trichloroethane	6.012	97	13062m	0.085	ppbv	
34) 2-Butanone	4.796	43	2473069	18.014	ppbv	100
36) Benzene	6.385	78	58487	0.258	ppbv #	88
38) Trichloroethene	7.298	130	4845m	0.057	ppbv	
44) 2,2,4-Trimethylpentane	7.333	57	125486	0.322	ppbv #	55
51) 2-Hexanone	9.564	43	235836	1.290	ppbv #	98
52) Tetrachloroethene	10.626	164	360226	4.528	ppbv	98
53) Toluene	9.230	91	318315	1.213	ppbv	99
58) Ethyl Benzene	12.092	91	67771m	0.197	ppbv	
59) m/p-Xylene	12.349	91	180113	0.624	ppbv	95
60) o-Xylene	13.060	91	112390m	0.415	ppbv	
65) tert-Butylbenzene	16.111	119	36977m	0.102	ppbv	
70) n-Butylbenzene	17.902	91	60714m	0.138	ppbv	
72) 4-Ethyltoluene	15.198	105	48741	0.159	ppbv #	80
73) 1,3,5-Trimethylbenzene	15.355	105	93669m	0.338	ppbv	
74) 1,2,4-Trimethylbenzene	16.108	105	301826	0.997	ppbv #	67

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

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