

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL052424\
 Data File : VL041292.D
 Acq On : 24 May 2024 15:43
 Operator : SY/MD
 Sample : P2599-04 4X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SV4

Manual Integrations
 APPROVED

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

Quant Time: May 24 23:22:44 2024

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

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri 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	5.214	49	1006867	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.671	114	2602887	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.478	117	2423584	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.786	95	1921471	10.502	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	105.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.758	85	19129	0.140	ppbv	90
3) Chlorodifluoromethane	2.706	51	21766	0.142	ppbv	94
9) Propene	2.726	41	1416933	23.677	ppbv	97
10) Heptane	7.597	43	123193	0.850	ppbv	99
11) Trichlorofluoromethane	3.591	101	3375479	24.386	ppbv	98
13) Ethanol	3.266	45	107342	8.001	ppbv	98
15) Acetone	3.491	43	6734049	56.670	ppbv	93
16) 1,3-Butadiene	3.012	39	351000m	5.852	ppbv	
17) tert-Butyl alcohol	3.909	59	61255	0.478	ppbv	95
20) Methylene Chloride	3.960	84	57508	1.392	ppbv	94
26) Hexane	5.234	57	391330	3.697	ppbv #	39
27) Carbon Disulfide	4.150	76	18276m	0.146	ppbv	
29) Chloroform	5.295	83	119010	0.815	ppbv	99
30) Cyclohexane	6.616	84	24671m	0.294	ppbv	
32) 1,1,1-Trichloroethane	6.025	97	125981	0.865	ppbv	96
34) 2-Butanone	4.803	43	3515203	26.534	ppbv	99
36) Benzene	6.388	78	744725	3.409	ppbv	99
44) 2,2,4-Trimethylpentane	7.343	57	94283	0.250	ppbv #	54
50) 4-Methyl-2-Pentanone	8.198	43	227454	0.957	ppbv	99
51) 2-Hexanone	9.565	43	561327	3.183	ppbv #	98
52) Tetrachloroethene	10.629	164	191055	2.489	ppbv	95
53) Toluene	9.233	91	656564	2.592	ppbv	100
58) Ethyl Benzene	12.095	91	129071m	0.388	ppbv	
59) m/p-Xylene	12.356	91	264918	0.948	ppbv	93
60) o-Xylene	13.076	91	157111	0.600	ppbv	98
61) Styrene	12.909	104	24320m	0.176	ppbv	
62) Isopropylbenzene	14.037	105	75660m	0.193	ppbv	
64) n-propylbenzene	14.928	120	15409m	0.158	ppbv	
65) tert-Butylbenzene	16.111	119	33360m	0.095	ppbv	
72) 4-Ethyltoluene	15.201	105	59219m	0.200	ppbv	
73) 1,3,5-Trimethylbenzene	15.359	105	88699m	0.331	ppbv	
74) 1,2,4-Trimethylbenzene	16.114	105	294915	1.006	ppbv #	65

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

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