

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL072224\
 Data File : VL041391.D
 Acq On : 22 Jul 2024 18:21
 Operator : SY/MD
 Sample : P3259-02
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SV2

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 07/23/2024
 Supervised By :Semsettin Yesilyurt 07/24/2024

Quant Time: Jul 23 03:17:53 2024

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL062624AIR.M

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

QLast Update : Tue Jul 23 02:50:01 2024

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.208	49	1005951	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.664	114	2597817	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.471	117	2336842	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.780	95	1871335	10.684	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	106.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.758	85	100355	0.585	ppbv	95
3) Chlorodifluoromethane	2.684	51	154785	0.892	ppbv #	63
9) Propene	2.729	41	30427m	0.507	ppbv	
10) Heptane	7.590	43	51156	0.363	ppbv	97
11) Trichlorofluoromethane	3.587	101	18828	0.113	ppbv	98
13) Ethanol	3.285	45	13625m	1.023	ppbv	
15) Acetone	3.491	43	6712890	50.527	ppbv	93
17) tert-Butyl alcohol	3.922	59	15747m	0.154	ppbv	
19) Isopropyl Alcohol	3.616	45	30614m	0.420	ppbv	
20) Methylene Chloride	3.957	84	609888	12.651	ppbv	96
25) Ethyl Acetate	5.227	43	637509	2.606	ppbv #	84
26) Hexane	5.230	57	725856	6.701	ppbv #	48
32) 1,1,1-Trichloroethane	6.018	97	76417	0.436	ppbv	96
34) 2-Butanone	4.809	43	349439	2.549	ppbv	96
35) Carbon Tetrachloride	6.513	117	5231m	0.030	ppbv	
36) Benzene	6.385	78	19636	0.091	ppbv #	87
38) Trichloroethene	7.298	130	3454m	0.037	ppbv	
41) Tetrahydrofuran	5.594	42	16474m	0.194	ppbv	
42) Bromodichloromethane	7.256	83	6450m	0.037	ppbv	
44) 2,2,4-Trimethylpentane	7.333	57	42658m	0.117	ppbv	
51) 2-Hexanone	9.561	43	459721	2.938	ppbv #	86
52) Tetrachloroethene	10.619	164	43462	0.503	ppbv	93
53) Toluene	9.224	91	415756	1.715	ppbv	99
57) Chlorobenzene	11.571	112	370229m	2.020	ppbv	
58) Ethyl Benzene	12.089	91	163193	0.522	ppbv	97
59) m/p-Xylene	12.343	91	563720	2.083	ppbv	95
60) o-Xylene	13.056	91	302053	1.183	ppbv	92
62) Isopropylbenzene	14.034	105	136442m	0.346	ppbv	
63) 1,1,2,2-Tetrachloroethane	13.034	83	157622	0.783	ppbv #	56
64) n-propylbenzene	14.921	120	63738m	0.619	ppbv	
65) tert-Butylbenzene	16.108	119	81086m	0.231	ppbv	
67) sec-Butylbenzene	16.638	105	188236	0.379	ppbv	99
72) 4-Ethyltoluene	15.195	105	210304	0.691	ppbv #	83
73) 1,3,5-Trimethylbenzene	15.359	105	331195	1.272	ppbv	97
74) 1,2,4-Trimethylbenzene	16.111	105	626491	2.136	ppbv #	70

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

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