

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL072224\
 Data File : VL041385.D
 Acq On : 22 Jul 2024 14:03
 Operator : SY/MD
 Sample : P3259-03
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 IA1

Manual Integrations
 APPROVED

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

Quant Time: Jul 23 03:14:59 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	5.234	49	864098	10.000	ppbv	0.02
33) 1,4-Difluorobenzene	6.677	114	2438879	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.471	117	2298602	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.780	95	1744815	10.128	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	101.300%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.722	85	102903	0.698	ppbv	95
3) Chlorodifluoromethane	2.664	51	37956m	0.255	ppbv	
4) Chloromethane	2.803	50	55781m	0.980	ppbv	
9) Propene	2.693	41	114395m	2.219	ppbv	
10) Heptane	7.526	43	1296398m	10.705	ppbv	
11) Trichlorofluoromethane	3.539	101	589891m	4.110	ppbv	
13) Ethanol	3.291	45	10002406	874.518	ppbv	83
15) Acetone	3.459	43	70713013m	619.623	ppbv	
17) tert-Butyl alcohol	3.915	59	158830m	1.804	ppbv	
19) Isopropyl Alcohol	3.616	45	13196170	210.634	ppbv #	94
20) Methylene Chloride	3.967	84	492635	11.897	ppbv	99
23) Vinyl Acetate	4.652	43	373158m	3.317	ppbv	
25) Ethyl Acetate	5.230	43	22664451	107.852	ppbv #	57
26) Hexane	5.205	57	494420m	5.313	ppbv	
29) Chloroform	5.314	83	15994	0.111	ppbv	97
32) 1,1,1-Trichloroethane	6.024	97	144808	0.961	ppbv	98
34) 2-Butanone	4.819	43	342281	2.660	ppbv	97
35) Carbon Tetrachloride	6.513	117	9837m	0.061	ppbv	
36) Benzene	6.401	78	71517m	0.354	ppbv	
37) 1,2-Dichloroethane	5.838	62	14761	0.127	ppbv #	92
44) 2,2,4-Trimethylpentane	7.327	57	45941m	0.134	ppbv	
50) 4-Methyl-2-Pentanone	8.195	43	35874m	0.174	ppbv	
53) Toluene	9.230	91	2390825	10.502	ppbv	99
58) Ethyl Benzene	12.095	91	146240	0.476	ppbv	94
59) m/p-Xylene	12.346	91	624985	2.348	ppbv	97
60) o-Xylene	13.060	91	298587	1.189	ppbv	96
61) Styrene	12.899	104	16317m	0.134	ppbv	
62) Isopropylbenzene	14.031	105	59048	0.152	ppbv	98
64) n-propylbenzene	14.915	120	37378	0.369	ppbv	91
65) tert-Butylbenzene	16.104	119	85266m	0.247	ppbv	
69) p-Isopropyltoluene	16.995	119	67936m	0.168	ppbv	
70) n-Butylbenzene	17.889	91	54289m	0.132	ppbv	
72) 4-Ethyltoluene	15.191	105	200405	0.670	ppbv	98
73) 1,3,5-Trimethylbenzene	15.349	105	249693	0.975	ppbv	96
74) 1,2,4-Trimethylbenzene	16.104	105	702754	2.435	ppbv #	72
79) Naphthalene	21.390	128	39245m	0.253	ppbv	

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

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