

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL040522\
 Data File : VL038830.D
 Acq On : 6 Apr 2022 12:27
 Operator : SY/AP
 Sample : N2235-03
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SV1

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 04/07/2022
 Supervised By :Mahesh Dadoda 04/07/2022

Quant Time: Apr 07 03:12:46 2022

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL040522AIR.M

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Apr 07 03:12:46 2022

QLast Update : Wed Apr 06 06:12:53 2022

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.677	49	1403923	10.000	ppbv	0.01
33) 1,4-Difluorobenzene	7.189	114	3606202	10.000	ppbv	0.02
55) Chlorobenzene-d5	12.095	117	3150046	10.000	ppbv	0.02
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.423	95	2647799	11.081	ppbv	0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	110.800%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	3.060	85	52916	0.266	ppbv	97
3) Chlorodifluoromethane	3.002	51	45224m	0.264	ppbv	
4) Chloromethane	3.153	50	186023	2.097	ppbv	96
9) Propene	3.025	41	87406	0.964	ppbv	99
10) Heptane	8.137	43	116223	0.509	ppbv	97
11) Trichlorofluoromethane	3.964	101	37525	0.235	ppbv	90
13) Ethanol	3.613	45	186244m	33.807	ppbv	
15) Acetone	3.857	43	930897	6.660	ppbv #	62
17) tert-Butyl alcohol	4.311	59	85568m	0.683	ppbv	
19) Isopropyl Alcohol	3.983	45	25526m	0.357	ppbv	
20) Methylene Chloride	4.356	84	77114	1.521	ppbv	86
23) Vinyl Acetate	5.082	43	1113081	8.177	ppbv	98
26) Hexane	5.700	57	173881	1.077	ppbv #	28
29) Chloroform	5.764	83	177495	0.786	ppbv	93
34) 2-Butanone	5.253	43	3080917	21.621	ppbv	99
35) Carbon Tetrachloride	7.028	117	23169m	0.107	ppbv	
36) Benzene	6.906	78	47873m	0.146	ppbv	
41) Tetrahydrofuran	6.076	42	25001m	0.185	ppbv	
50) 4-Methyl-2-Pentanone	8.758	43	90351m	0.282	ppbv	
51) 2-Hexanone	10.137	43	3466743	14.355	ppbv	100
52) Tetrachloroethene	11.237	164	40105	0.350	ppbv #	81
53) Toluene	9.815	91	492937	1.302	ppbv	99
58) Ethyl Benzene	12.722	91	126077	0.268	ppbv #	85
59) m/p-Xylene	12.979	91	417360	1.055	ppbv	99
60) o-Xylene	13.700	91	177688	0.480	ppbv	98
61) Styrene	13.539	104	72335	0.321	ppbv #	91
62) Isopropylbenzene	14.677	105	765552	1.378	ppbv	96
64) n-propylbenzene	15.571	120	15866m	0.110	ppbv	
69) p-Isopropyltoluene	17.658	119	120453	0.212	ppbv #	87
72) 4-Ethyltoluene	15.847	105	99309m	0.225	ppbv	
73) 1,3,5-Trimethylbenzene	16.005	105	65197m	0.164	ppbv	
74) 1,2,4-Trimethylbenzene	16.767	105	249949	0.596	ppbv #	66

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

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