

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL032222\
 Data File : VL038688.D
 Acq On : 22 Mar 2022 17:44
 Operator : SY/AP
 Sample : N1961-11
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 C0P74

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 03/24/2022
 Supervised By : Mahesh Dadoda 03/25/2022

Quant Time: Mar 23 04:15:14 2022

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL032122AIR.M

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Mon Mar 23 2022

QLast Update : Mon Mar 21 17:09:26 2022

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.658	49	855738	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	7.163	114	2247206	10.000	ppbv	0.00
55) Chlorobenzene-d5	12.076	117	2044887	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.404	95	1519547	9.692	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	96.900%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	3.050	85	15612	0.136	ppbv	92
3) Chlorodifluoromethane	2.993	51	25418m	0.281	ppbv	
4) Chloromethane	3.144	50	13938	0.281	ppbv	89
7) Chloroethane	3.555	64	4239m	0.254	ppbv	
9) Propene	3.018	41	168318	3.858	ppbv	83
11) Trichlorofluoromethane	3.944	101	22751	0.224	ppbv	97
13) Ethanol	3.597	45	150265	31.219	ppbv	96
15) Acetone	3.841	43	877569	11.885	ppbv #	53
17) tert-Butyl alcohol	4.295	59	37448	0.581	ppbv #	73
19) Isopropyl Alcohol	3.964	45	146261	3.573	ppbv #	1
20) Methylene Chloride	4.340	84	292412	9.402	ppbv	97
26) Hexane	5.677	57	367426	4.415	ppbv #	51
27) Carbon Disulfide	4.545	76	20611	0.252	ppbv #	67
29) Chloroform	5.745	83	71149	0.534	ppbv	97
30) Cyclohexane	7.118	84	19526m	0.270	ppbv	
31) cis-1,2-Dichloroethene	5.539	61	42858	0.548	ppbv	96
32) 1,1,1-Trichloroethane	6.497	97	4882m	0.038	ppbv	
34) 2-Butanone	5.230	43	1976599	22.223	ppbv	97
35) Carbon Tetrachloride	7.005	117	8287m	0.064	ppbv	
36) Benzene	6.880	78	275107	1.586	ppbv	98
38) Trichloroethene	7.822	130	78841	1.085	ppbv	98
41) Tetrahydrofuran	6.044	42	94273	1.424	ppbv	96
44) 2,2,4-Trimethylpentane	7.860	57	160586	0.551	ppbv #	83
50) 4-Methyl-2-Pentanone	8.751	43	15991m	0.097	ppbv	
51) 2-Hexanone	10.137	43	84286	0.710	ppbv #	97
52) Tetrachloroethene	11.259	164	14066046	221.623	ppbv	94
53) Toluene	9.793	91	1139001	6.112	ppbv	99
58) Ethyl Benzene	12.703	91	44090m	0.184	ppbv	
59) m/p-Xylene	12.957	91	85060m	0.407	ppbv	
60) o-Xylene	13.674	91	36974	0.186	ppbv	98
61) Styrene	13.516	104	16314	0.152	ppbv	96
62) Isopropylbenzene	14.654	105	278480	0.933	ppbv	99
69) p-Isopropyltoluene	17.641	119	75866	0.242	ppbv	94

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

Manual Integrations

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