

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL012422\
 Data File : VL038268.D
 Acq On : 24 Jan 2022 20:29
 Operator : SY/AP
 Sample : N1211-01
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA L
 ClientSampleId :
 SVE-INFLUENT

Manual Integrations
 APPROVED

Quant Time: Jan 25 14:36:09 2022

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL012422A

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument:

QLast Update : Mon Jan 24 14:12:48 2022

Response via : Initial Calibration

Reviewed By : Semsettin Yesilyurt 01/26/2022
 Supervised By : Mahesh Dadoda 01/26/2022

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.68	49	799401	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.19	114	1984987	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.09	117	1686561	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.42	95	1353318	10.57	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	105.70%

Target Compounds

						Ovalue
2) Dichlorodifluoromethane	3.06	85	66519	0.391	ppbv	95
3) Chlorodifluoromethane	3.00	51	31135m	0.196	ppbv	
4) Chloromethane	3.16	50	10538m	0.192	ppbv	
10) Heptane	8.13	43	75972m	0.570	ppbv	
11) Trichlorofluoromethane	3.96	101	37016m	0.279	ppbv	
13) Ethanol	3.62	45	4435776	797.603	ppbv	98
15) Acetone	3.86	43	1137857	16.147	ppbv	98
17) tert-Butyl alcohol	4.31	59	23151m	0.299	ppbv	
19) Isopropyl Alcohol	3.99	45	492315	11.168	ppbv	100
20) Methylene Chloride	4.36	84	19998	0.488	ppbv	97
25) Ethyl Acetate	5.68	43	677240	3.432	ppbv #	92
29) Chloroform	5.76	83	26748	0.179	ppbv	96
30) Cyclohexane	7.15	84	16631m	0.208	ppbv	
31) cis-1,2-Dichloroethene	5.56	61	100621	1.257	ppbv	93
32) 1,1,1-Trichloroethane	6.52	97	22539m	0.151	ppbv	
34) 2-Butanone	5.25	43	661271	10.187	ppbv	98
35) Carbon Tetrachloride	7.03	117	15452	0.111	ppbv #	78
36) Benzene	6.91	78	99154	0.565	ppbv	96
38) Trichloroethene	7.84	130	58375m	0.893	ppbv	
41) Tetrahydrofuran	6.06	42	875130	20.055	ppbv	99
44) 2,2,4-Trimethylpentane	7.88	57	125352	0.405	ppbv #	82
50) 4-Methyl-2-Pentanone	8.75	43	190285	1.643	ppbv	100
52) Tetrachloroethene	11.23	164	104004	1.719	ppbv	94
53) Toluene	9.81	91	4781536	24.604	ppbv	96
58) Ethyl Benzene	12.72	91	209117	0.844	ppbv	90
59) m/p-Xylene	12.97	91	649808	3.073	ppbv	97
60) o-Xylene	13.70	91	275398	1.400	ppbv	98
64) n-propylbenzene	15.56	120	16691m	0.265	ppbv	
70) n-Butylbenzene	18.56	91	38301m	0.170	ppbv	
72) 4-Ethyltoluene	15.85	105	105349m	0.512	ppbv	
73) 1,3,5-Trimethylbenzene	16.00	105	84335m	0.456	ppbv	
74) 1,2,4-Trimethylbenzene	16.77	105	361141m	1.853	ppbv	
79) Naphthalene	22.20	128	53853m	0.591	ppbv	

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

