

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL050522\
 Data File : VL038975.D
 Acq On : 5 May 2022 16:41
 Operator : SY/AP
 Sample : N2698-03
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA L
 ClientSampleId :
 SV2

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 05/07/2022
 Supervised By : Mahesh Dadoda 05/09/2022

Quant Time: May 06 08:24:30 2022

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL050522A

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

QLast Update : Thu May 05 07:41:27 2022

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.66	49	1176861	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.17	114	3044836	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.08	117	2676954	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.40	95	2155605	10.17	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	101.70%

Target Compounds

						Ovalue
2) Dichlorodifluoromethane	3.05	85	88275	0.479	ppbv	100
3) Chlorodifluoromethane	2.99	51	42136m	0.289	ppbv	
4) Chloromethane	3.14	50	12469	0.171	ppbv	99
9) Propene	3.01	41	272728	4.277	ppbv #	79
10) Heptane	8.11	43	156099	0.998	ppbv	95
11) Trichlorofluoromethane	3.95	101	44093	0.279	ppbv	93
13) Ethanol	3.60	45	130146	26.133	ppbv	95
15) Acetone	3.84	43	5777039	52.039	ppbv	97
17) tert-Butyl alcohol	4.29	59	32144	0.377	ppbv #	70
19) Isopropyl Alcohol	3.96	45	151680	2.874	ppbv #	95
20) Methylene Chloride	4.34	84	474044	11.330	ppbv	91
26) Hexane	5.68	57	844958	7.157	ppbv #	38
27) Carbon Disulfide	4.55	76	303631	2.707	ppbv	99
30) Cyclohexane	7.12	84	66263m	0.670	ppbv	
34) 2-Butanone	5.23	43	1685386	10.850	ppbv	95
35) Carbon Tetrachloride	7.01	117	13560m	0.068	ppbv	
36) Benzene	6.89	78	134843m	0.517	ppbv	
38) Trichloroethene	7.82	130	13621m	0.118	ppbv	
44) 2,2,4-Trimethylpentane	7.86	57	271384	0.594	ppbv #	58
50) 4-Methyl-2-Pentanone	8.74	43	76652	0.281	ppbv #	87
51) 2-Hexanone	10.12	43	600679	3.021	ppbv #	98
52) Tetrachloroethene	11.21	164	753812m	8.095	ppbv	
53) Toluene	9.80	91	461087	1.579	ppbv	100
58) Ethyl Benzene	12.70	91	341487	0.886	ppbv	93
59) m/p-Xylene	12.96	91	1152363	3.504	ppbv	97
60) o-Xylene	13.68	91	423935	1.370	ppbv	98
61) Styrene	13.51	104	37120m	0.225	ppbv	
62) Isopropylbenzene	14.66	105	157841	0.399	ppbv	92
69) p-Isopropyltoluene	17.63	119	72638m	0.159	ppbv	
72) 4-Ethyltoluene	15.83	105	108269	0.307	ppbv #	94
73) 1,3,5-Trimethylbenzene	15.99	105	159042	0.501	ppbv	99
74) 1,2,4-Trimethylbenzene	16.75	105	329283	0.947	ppbv #	66

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

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