

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL121421\
 Data File : VL038177.D
 Acq On : 14 Dec 2021 22:03
 Operator : SY/AP
 Sample : M5075-03
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA L
 ClientSampleId :
 AA-DSE

Manual Integrations
 APPROVED

Reviewed By :Amit Patel 12/15/2021
 Supervised By :Semsettin Yesilyurt 12/16/2021

Quant Time: Dec 15 06:57:54 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL111821A
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument:
 QLast Update : Thu Nov 18 13:16:09 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.63	49	925497	10.00	ppbv	-0.04
33) 1,4-Difluorobenzene	7.13	114	2376406	10.00	ppbv	-0.04
55) Chlorobenzene-d5	12.03	117	2122479	10.00	ppbv	-0.05

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.36	95	1773537	11.58	ppbv	-0.05
Spiked Amount	10.000	Range	65 - 135	Recovery	=	115.80%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.03	85	32687m	0.214	ppbv	
3) Chlorodifluoromethane	2.97	51	46579m	0.240	ppbv	
4) Chloromethane	3.12	50	28591	0.432	ppbv	92
9) Propene	2.99	41	119353	1.667	ppbv	92
10) Heptane	8.07	43	39176m	0.221	ppbv	
11) Trichlorofluoromethane	3.92	101	29782	0.205	ppbv	91
13) Ethanol	3.58	45	235113	33.990	ppbv	91
15) Acetone	3.82	43	855111	10.657	ppbv	92
19) Isopropyl Alcohol	3.95	45	94281	1.626	ppbv #	1
20) Methylene Chloride	4.31	84	936298	20.832	ppbv	99
26) Hexane	5.65	57	757903	5.896	ppbv #	45
30) Cyclohexane	7.09	84	37035	0.317	ppbv #	87
34) 2-Butanone	5.21	43	45980m	0.480	ppbv	
35) Carbon Tetrachloride	6.98	117	10870m	0.065	ppbv	
36) Benzene	6.84	78	154199	0.650	ppbv	98
41) Tetrahydrofuran	6.01	42	152295	2.560	ppbv	99
44) 2,2,4-Trimethylpentane	7.83	57	195698	0.493	ppbv #	83
53) Toluene	9.75	91	351078m	1.287	ppbv	
58) Ethyl Benzene	12.65	91	66420m	0.189	ppbv	
59) m/p-Xylene	12.91	91	184589m	0.625	ppbv	
60) o-Xylene	13.64	91	83101	0.303	ppbv	91
61) Styrene	13.50	104	24681380	168.048	ppbv #	85
72) 4-Ethyltoluene	15.79	105	30737m	0.097	ppbv	
74) 1,2,4-Trimethylbenzene	16.71	105	77412m	0.259	ppbv	

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

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