

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL121421\
 Data File : VL038171.D
 Acq On : 14 Dec 2021 18:07
 Operator : SY/AP
 Sample : M5045-03
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA L
 ClientSampleId :
 IA-18B

Manual Integrations
 APPROVED

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

Quant Time: Dec 15 06:22:22 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	908648	10.00	ppbv	-0.04
33) 1,4-Difluorobenzene	7.13	114	2341337	10.00	ppbv	-0.04
55) Chlorobenzene-d5	12.03	117	2022580	10.00	ppbv	-0.04

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.37	95	1611507	11.05	ppbv	-0.04
Spiked Amount	10.000	Range	65 - 135	Recovery	=	110.50%

Target Compounds

	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.03	85	36014	0.240	ppbv	98
4) Chloromethane	3.12	50	28694	0.442	ppbv	93
9) Propene	3.00	41	48262m	0.687	ppbv	
10) Heptane	8.08	43	33037	0.190	ppbv	91
11) Trichlorofluoromethane	3.93	101	28506	0.200	ppbv	98
13) Ethanol	3.58	45	4003936	589.569	ppbv	90
15) Acetone	3.82	43	521358	6.618	ppbv	92
19) Isopropyl Alcohol	3.94	45	1505350	26.446	ppbv #	99
20) Methylene Chloride	4.32	84	324515	7.354	ppbv	98
25) Ethyl Acetate	5.64	43	1001369	3.824	ppbv	97
26) Hexane	5.65	57	536739	4.253	ppbv	89
29) Chloroform	5.72	83	107619	0.579	ppbv	88
30) Cyclohexane	7.09	84	13205m	0.115	ppbv	
34) 2-Butanone	5.21	43	29024	0.307	ppbv	93
35) Carbon Tetrachloride	6.98	117	13931m	0.085	ppbv	
36) Benzene	6.85	78	61589	0.264	ppbv #	92
38) Trichloroethene	7.79	130	52148m	0.592	ppbv	
44) 2,2,4-Trimethylpentane	7.82	57	87184	0.223	ppbv #	74
53) Toluene	9.76	91	179080	0.666	ppbv	98
58) Ethyl Benzene	12.66	91	91142m	0.273	ppbv	
59) m/p-Xylene	12.92	91	261343m	0.929	ppbv	
60) o-Xylene	13.64	91	84677m	0.324	ppbv	
74) 1,2,4-Trimethylbenzene	16.71	105	51801m	0.182	ppbv	

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

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