

Data Path : Z:\voasrv\HPCHEM1\MSVOA L\Data\VL120721\
 Data File : VL038147.D
 Acq On : 7 Dec 2021 12:53
 Operator : SY/AP
 Sample : M4827-03
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA L
 ClientSampleId :
 AA-1

Manual Integrations
 APPROVED

Reviewed By :Amit Patel 12/07/2021
 Supervised By :Semsettin Yesilyurt 12/08/2021

Quant Time: Dec 07 15:06:45 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	5.66	49	914865	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.16	114	2431707	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.07	117	2106946	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.40	95	1665977	10.96	ppbv	-0.01
Spiked Amount	10.000	Range	65 - 135	Recovery	=	109.60%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.05	85	45484	0.301	ppbv	92
3) Chlorodifluoromethane	2.99	51	47757	0.249	ppbv	97
4) Chloromethane	3.14	50	30806	0.471	ppbv	97
9) Propene	3.02	41	30911	0.437	ppbv	84
11) Trichlorofluoromethane	3.95	101	33893m	0.236	ppbv	
13) Ethanol	3.61	45	148915m	21.778	ppbv	
15) Acetone	3.85	43	456669	5.757	ppbv	99
19) Isopropyl Alcohol	4.00	45	40055m	0.699	ppbv	
20) Methylene Chloride	4.34	84	1319681	29.703	ppbv	98
26) Hexane	5.68	57	708552	5.576	ppbv #	44
34) 2-Butanone	5.24	43	14553	0.148	ppbv	92
35) Carbon Tetrachloride	7.01	117	10499m	0.061	ppbv	
36) Benzene	6.88	78	40158m	0.166	ppbv	
52) Tetrachloroethene	11.21	164	18570	0.207	ppbv #	82
53) Toluene	9.79	91	53744	0.193	ppbv	99
58) Ethyl Benzene	12.70	91	21352m	0.061	ppbv	
59) m/p-Xylene	12.95	91	60286m	0.206	ppbv	
60) o-Xylene	13.68	91	27256m	0.100	ppbv	

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

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