

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL120721\
 Data File : VL038152.D
 Acq On : 7 Dec 2021 16:07
 Operator : SY/AP
 Sample : M4897-03
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA L
 ClientSampleId :
 IA-1

Manual Integrations
 APPROVED

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

Quant Time: Dec 08 15:42:18 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	883230	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.16	114	2282193	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.07	117	2047175	10.00	ppbv	-0.01

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.39	95	1638088	11.09	ppbv	-0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	110.90%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.05	85	44392m	0.304	ppbv	
4) Chloromethane	3.14	50	47420m	0.751	ppbv	
9) Propene	3.02	41	128003	1.874	ppbv #	73
11) Trichlorofluoromethane	3.95	101	63566	0.458	ppbv	90
13) Ethanol	3.60	45	3356113	508.401	ppbv	90
15) Acetone	3.84	43	1617561	21.123	ppbv	100
19) Isopropyl Alcohol	3.96	45	4001243	72.316	ppbv	100
20) Methylene Chloride	4.34	84	245132	5.715	ppbv	98
25) Ethyl Acetate	5.66	43	355794	1.398	ppbv #	97
26) Hexane	5.68	57	138651	1.130	ppbv #	79
29) Chloroform	5.74	83	43506m	0.241	ppbv	
34) 2-Butanone	5.24	43	135581	1.473	ppbv	95
35) Carbon Tetrachloride	7.01	117	11242m	0.070	ppbv	
36) Benzene	6.88	78	59417	0.261	ppbv	97
52) Tetrachloroethene	11.21	164	6567m	0.078	ppbv	
53) Toluene	9.79	91	349256	1.333	ppbv	99
58) Ethyl Benzene	12.69	91	80371	0.238	ppbv	94
59) m/p-Xylene	12.95	91	328518	1.153	ppbv	97
60) o-Xylene	13.67	91	151481	0.573	ppbv	95
74) 1,2,4-Trimethylbenzene	16.74	105	95078m	0.330	ppbv	

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

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