

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL120721\
 Data File : VL038157.D
 Acq On : 7 Dec 2021 19:25
 Operator : SY/AP
 Sample : M4897-01
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA L
 ClientSampleId :
 SV-1

Manual Integrations
 APPROVED

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

Quant Time: Dec 08 15:00:29 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	5.65	49	831130	10.00	ppbv	-0.01
33) 1,4-Difluorobenzene	7.16	114	2210247	10.00	ppbv	-0.01
55) Chlorobenzene-d5	12.07	117	2041175	10.00	ppbv	0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.40	95	1743122	11.84	ppbv	-0.01
Spiked Amount	10.000	Range	65 - 135	Recovery	=	118.40%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.04	85	44527m	0.324	ppbv	
9) Propene	3.02	41	93394	1.453	ppbv	90
10) Heptane	8.10	43	178497	1.124	ppbv	96
13) Ethanol	3.60	45	462682	74.483	ppbv	88
15) Acetone	3.84	43	1753195	24.330	ppbv #	88
17) tert-Butyl alcohol	4.29	59	129958	1.487	ppbv	97
19) Isopropyl Alcohol	3.96	45	451033	8.663	ppbv #	94
20) Methylene Chloride	4.34	84	114452	2.836	ppbv	96
23) Vinyl Acetate	5.06	43	1421642	13.628	ppbv	97
25) Ethyl Acetate	5.68	43	1143144	4.773	ppbv #	80
26) Hexane	5.68	57	1524706	13.208	ppbv #	36
29) Chloroform	5.74	83	101157	0.595	ppbv	94
34) 2-Butanone	5.23	43	191794	2.152	ppbv	90
35) Carbon Tetrachloride	7.01	117	12098m	0.078	ppbv	
36) Benzene	6.87	78	45221	0.205	ppbv #	93
41) Tetrahydrofuran	6.05	42	56810m	1.027	ppbv	
51) 2-Hexanone	10.11	43	493474	7.750	ppbv #	98
52) Tetrachloroethene	11.20	164	18479	0.227	ppbv	88
53) Toluene	9.79	91	200594	0.791	ppbv	99
59) m/p-Xylene	12.95	91	230862m	0.813	ppbv	
60) o-Xylene	13.67	91	83459	0.317	ppbv	91
61) Styrene	13.51	104	102121	0.723	ppbv #	89
74) 1,2,4-Trimethylbenzene	16.74	105	169086	0.588	ppbv #	64

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

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