

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL112321\
 Data File : VL038102.D
 Acq On : 23 Nov 2021 16:42
 Operator : SY/AP
 Sample : M4805-06
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA L
 ClientSampleId :
 SG-JEWELRY-DESIGN

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 11/25/2021
 Supervised By : Mahesh Dadoda 11/29/2021

Quant Time: Nov 24 07:59:23 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	973174	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.17	114	2748344	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.08	117	2371099	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.40	95	1907484	11.15	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	111.50%

Target Compounds

	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.05	85	32951	0.205	ppbv	90
4) Chloromethane	3.14	50	21755	0.313	ppbv	94
9) Propene	3.03	41	188345m	2.502	ppbv	
10) Heptane	8.11	43	116314	0.625	ppbv	93
11) Trichlorofluoromethane	3.95	101	224321	1.467	ppbv	95
13) Ethanol	3.61	45	3652652	502.182	ppbv	88
15) Acetone	3.84	43	7675973	90.974	ppbv	96
17) tert-Butyl alcohol	4.30	59	341250	3.334	ppbv	99
19) Isopropyl Alcohol	3.98	45	13026015	213.665	ppbv #	98
20) Methylene Chloride	4.34	84	128547	2.720	ppbv	98
25) Ethyl Acetate	5.67	43	422080	1.505	ppbv #	96
26) Hexane	5.68	57	133271	0.986	ppbv #	60
27) Carbon Disulfide	4.55	76	283850	2.344	ppbv	97
29) Chloroform	5.75	83	174883	0.878	ppbv	94
30) Cyclohexane	7.12	84	12280m	0.100	ppbv	
34) 2-Butanone	5.24	43	507652	4.581	ppbv	96
35) Carbon Tetrachloride	7.01	117	11764m	0.061	ppbv	
36) Benzene	6.89	78	1089367	3.974	ppbv	98
37) 1,2-Dichloroethane	6.30	62	27593	0.208	ppbv	98
38) Trichloroethene	7.83	130	5880m	0.057	ppbv	
40) 1,4-Dioxane	7.82	88	510797	18.643	ppbv #	1
41) Tetrahydrofuran	6.05	42	20508m	0.298	ppbv	
43) Methyl Methacrylate	8.01	69	36422m	0.388	ppbv	
50) 4-Methyl-2-Pentanone	8.74	43	70268	0.418	ppbv	99
51) 2-Hexanone	10.13	43	73891m	0.933	ppbv	
52) Tetrachloroethene	11.21	164	2063765	20.345	ppbv	95
53) Toluene	9.80	91	349087	1.107	ppbv	100
58) Ethyl Benzene	12.70	91	90711m	0.231	ppbv	
59) m/p-Xylene	12.95	91	201609	0.611	ppbv	98
60) o-Xylene	13.68	91	71574	0.234	ppbv	93
61) Styrene	13.52	104	165759	1.010	ppbv	96
62) Isopropylbenzene	14.66	105	863607	1.988	ppbv	98
69) p-Isopropyltoluene	17.64	119	44838m	0.107	ppbv	
74) 1,2,4-Trimethylbenzene	16.75	105	65283m	0.195	ppbv	
79) Naphthalene	22.18	128	31375m	0.178	ppbv	
80) Naphthalene,2-methyl-	24.96	142	6730	0.179	ppbv #	86

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

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