

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL100721\
 Data File : VL037823.D
 Acq On : 8 Oct 2021 9:05
 Operator : SY/AP
 Sample : M4012-01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 C0P23

Manual Integrations
 APPROVED

apatel
 10/14/2021 1:19:08 PM

Quant Time: Oct 09 18:20:22 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL100421AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Mon Oct 0
 QLast Update : Mon Oct 04 17:43:54 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.66	49	1334369	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.16	114	3803209	10.00	ppbv	-0.01
55) Chlorobenzene-d5	12.07	117	3355359	10.00	ppbv	-0.02

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.40	95	2456790	10.47	ppbv	-0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	104.70%

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	3.04	85	88347	0.415	ppbv	99
3) Chlorodifluoromethane	2.98	51	57687m	0.225	ppbv	
4) Chloromethane	3.13	50	52579	0.560	ppbv	93
6) Bromomethane	3.47	94	6311m	0.136	ppbv	
9) Propene	3.02	41	289888	3.073	ppbv #	64
10) Heptane	8.11	43	119125m	0.556	ppbv	
11) Trichlorofluoromethane	3.94	101	39036m	0.205	ppbv	
13) Ethanol	3.63	45	32576759	4222.522	ppbv	94
15) Acetone	3.83	43	17791481	148.527	ppbv	90
17) tert-Butyl alcohol	4.31	59	228381m	1.851	ppbv	
19) Isopropyl Alcohol	3.99	45	10954826	147.001	ppbv #	1
20) Methylene Chloride	4.33	84	1489531	24.611	ppbv	97
26) Hexane	5.67	57	858820	5.189	ppbv #	58
29) Chloroform	5.74	83	212201	0.897	ppbv	88
30) Cyclohexane	7.12	84	47854	0.341	ppbv	92
34) 2-Butanone	5.23	43	286930	1.869	ppbv	91
35) Carbon Tetrachloride	7.00	117	14833m	0.069	ppbv	
36) Benzene	6.87	78	66850	0.206	ppbv #	91
37) 1,2-Dichloroethane	6.29	62	97879	0.640	ppbv #	93
44) 2,2,4-Trimethylpentane	7.85	57	189353m	0.347	ppbv	
52) Tetrachloroethene	11.21	164	26365m	0.209	ppbv	
53) Toluene	9.79	91	1096806	3.047	ppbv	98
58) Ethyl Benzene	12.69	91	400014	0.888	ppbv	95
59) m/p-Xylene	12.95	91	945577	2.445	ppbv	98
60) o-Xylene	13.67	91	372145	1.004	ppbv	99
61) Styrene	13.51	104	129796m	0.724	ppbv	
69) p-Isopropyltoluene	17.63	119	92966m	0.185	ppbv	
73) 1,3,5-Trimethylbenzene	15.98	105	62436m	0.163	ppbv	
74) 1,2,4-Trimethylbenzene	16.74	105	218951	0.545	ppbv #	67
79) Naphthalene	22.17	128	122230m	0.497	ppbv	
80) Naphthalene,2-methyl-	24.95	142	62555	0.948	ppbv #	77

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

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