

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL120820\
 Data File : VL036101.D
 Acq On : 8 Dec 2020 19:09
 Operator : SY/AP
 Sample : L4949-03
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 IA-1

Manual Integrations
 APPROVED

MMDadoda
 12/11/2020 12:23:11 PM

Quant Time: Dec 09 22:28:20 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL120720AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Mon Dec 0
 QLast Update : Mon Dec 07 16:56:49 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.69	49	1184411	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.20	114	2656537	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.11	117	2423787	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.44	95	2199885	11.43	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	114.30%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.05	85	35859	0.260	ppbv #	84
3) Chlorodifluoromethane	2.99	51	49510	0.366	ppbv #	91
4) Chloromethane	3.14	50	32300	0.487	ppbv	95
9) Propene	3.02	41	757522m	11.190	ppbv	
10) Heptane	8.14	43	2521968	14.587	ppbv	100
11) Trichlorofluoromethane	3.95	101	35003	0.216	ppbv	94
13) Ethanol	3.66	45	4240195	454.364	ppbv	84
15) Acetone	3.85	43	23010618	161.650	ppbv #	77
19) Isopropyl Alcohol	4.02	45	1556914m	17.895	ppbv	
20) Methylene Chloride	4.36	84	108747	1.864	ppbv	97
25) Ethyl Acetate	5.69	43	5841080	20.540	ppbv #	96
26) Hexane	5.70	57	2065739m	16.141	ppbv	
30) Cyclohexane	7.15	84	836035	8.892	ppbv	98
34) 2-Butanone	5.27	43	6735936	38.226	ppbv	99
35) Carbon Tetrachloride	7.05	117	9813m	0.063	ppbv	
36) Benzene	6.91	78	1299286	5.771	ppbv	94
41) Tetrahydrofuran	6.06	42	1847226	17.645	ppbv	98
44) 2,2,4-Trimethylpentane	7.89	57	6614381	16.223	ppbv #	80
50) 4-Methyl-2-Pentanone	8.77	43	900383	3.426	ppbv	98
52) Tetrachloroethene	11.26	164	8664m	0.106	ppbv	
53) Toluene	9.83	91	19011913	75.204	ppbv #	79
58) Ethyl Benzene	12.74	91	6382510	19.215	ppbv	98
59) m/p-Xylene	13.00	91	15807651	56.503	ppbv	87
60) o-Xylene	13.72	91	7222037	27.399	ppbv	99
61) Styrene	13.55	104	126123	0.745	ppbv	94
62) Isopropylbenzene	14.69	105	757429	1.939	ppbv	97
64) n-propylbenzene	15.58	120	682612	7.262	ppbv	88
65) tert-Butylbenzene	16.79	119	1087499	3.400	ppbv #	67
67) sec-Butylbenzene	17.32	105	290805	0.650	ppbv	100
69) p-Isopropyltoluene	17.68	119	154860m	0.435	ppbv	
70) n-Butylbenzene	18.58	91	857680	2.437	ppbv #	52
72) 4-Ethyltoluene	15.87	105	3755350	13.152	ppbv	99
73) 1,3,5-Trimethylbenzene	16.02	105	3413255	12.516	ppbv	97
74) 1,2,4-Trimethylbenzene	16.79	105	9200412	33.610	ppbv #	72
79) Naphthalene	22.23	128	452710	3.254	ppbv	98

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

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