

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL120720\
 Data File : VL036083.D
 Acq On : 8 Dec 2020 3:06
 Operator : SY/AP
 Sample : L4948-03
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 IA-6B

Manual Integrations
 APPROVED

MMDadoda
 12/11/2020 5:45:22 PM

Quant Time: Dec 08 21:25:25 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	5.68	49	1196625	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.19	114	2567601	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.11	117	2313295	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.45	95	1949446	10.61	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	106.10%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.05	85	39924	0.286	ppbv	96
3) Chlorodifluoromethane	2.99	51	159567	1.169	ppbv	96
4) Chloromethane	3.14	50	37895	0.565	ppbv	89
9) Propene	3.03	41	53851	0.787	ppbv #	81
10) Heptane	8.14	43	79398	0.455	ppbv	91
11) Trichlorofluoromethane	3.96	101	303323	1.850	ppbv	95
13) Ethanol	3.61	45	1649824	174.985	ppbv	85
15) Acetone	3.86	43	1550217	10.779	ppbv	98
17) tert-Butyl alcohol	4.32	59	69651m	0.500	ppbv	
19) Isopropyl Alcohol	3.99	45	125976	1.433	ppbv #	100
20) Methylene Chloride	4.35	84	216675	3.677	ppbv	98
26) Hexane	5.70	57	217965	1.686	ppbv #	51
30) Cyclohexane	7.15	84	163409	1.720	ppbv #	81
34) 2-Butanone	5.27	43	91311	0.536	ppbv #	91
35) Carbon Tetrachloride	7.03	117	10739m	0.072	ppbv	
36) Benzene	6.91	78	50377	0.232	ppbv #	90
52) Tetrachloroethene	11.24	164	3388m	0.043	ppbv	
53) Toluene	9.83	91	384726	1.575	ppbv	99
58) Ethyl Benzene	12.73	91	175824m	0.555	ppbv	
59) m/p-Xylene	13.00	91	688968	2.580	ppbv	98
60) o-Xylene	13.72	91	248936	0.990	ppbv	99
73) 1,3,5-Trimethylbenzene	16.02	105	64774m	0.249	ppbv	
74) 1,2,4-Trimethylbenzene	16.79	105	163654	0.626	ppbv #	65
76) 1,4-Dichlorobenzene	17.18	146	20934m	0.157	ppbv	
79) Naphthalene	22.25	128	61299m	0.462	ppbv	

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

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