

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL120720\
 Data File : VL036091.D
 Acq On : 8 Dec 2020 8:21
 Operator : SY/AP
 Sample : L4948-07
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 IA-4B

Manual Integrations
 APPROVED

MMDadoda
 12/11/2020 5:45:30 PM

Quant Time: Dec 08 21:36:45 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	5.67	49	1157506	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.19	114	2525195	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.10	117	2264201	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.44	95	1924749	10.71	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	107.10%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.05	85	40392	0.299	ppbv	92
3) Chlorodifluoromethane	2.99	51	65414	0.495	ppbv #	92
4) Chloromethane	3.14	50	35522m	0.548	ppbv	
9) Propene	3.02	41	187932m	2.841	ppbv	
10) Heptane	8.14	43	274917	1.627	ppbv	94
11) Trichlorofluoromethane	3.96	101	69228m	0.436	ppbv	
13) Ethanol	3.61	45	1493588m	163.768	ppbv	
15) Acetone	3.85	43	2801652	20.139	ppbv	97
17) tert-Butyl alcohol	4.32	59	44435	0.330	ppbv #	71
19) Isopropyl Alcohol	3.98	45	164687m	1.937	ppbv	
20) Methylene Chloride	4.35	84	315167	5.529	ppbv	96
26) Hexane	5.70	57	634859	5.076	ppbv #	41
30) Cyclohexane	7.14	84	715529	7.788	ppbv	98
34) 2-Butanone	5.26	43	90417	0.540	ppbv	94
35) Carbon Tetrachloride	7.02	117	10550m	0.072	ppbv	
36) Benzene	6.91	78	76258	0.356	ppbv #	90
44) 2,2,4-Trimethylpentane	7.88	57	144874	0.374	ppbv #	49
52) Tetrachloroethene	11.25	164	8317m	0.107	ppbv	
53) Toluene	9.82	91	1189135	4.948	ppbv	99
58) Ethyl Benzene	12.73	91	654221	2.108	ppbv	99
59) m/p-Xylene	12.99	91	2623947	10.040	ppbv	98
60) o-Xylene	13.71	91	992246	4.030	ppbv	98
72) 4-Ethyltoluene	15.87	105	66130m	0.248	ppbv	
73) 1,3,5-Trimethylbenzene	16.02	105	54233m	0.213	ppbv	
74) 1,2,4-Trimethylbenzene	16.79	105	226093m	0.884	ppbv	
79) Naphthalene	22.24	128	44450m	0.342	ppbv	

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

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