

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL120720\
 Data File : VL036089.D
 Acq On : 8 Dec 2020 7:02
 Operator : SY/AP
 Sample : L4948-06
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 IA-3B

Manual Integrations
 APPROVED

MMDadoda
 12/11/2020 5:45:28 PM

Quant Time: Dec 08 21:35:21 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	1106427	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.19	114	2527086	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.11	117	2271476	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.44	95	1951536	10.82	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	108.20%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.05	85	38235	0.297	ppbv	99
3) Chlorodifluoromethane	2.99	51	59394m	0.470	ppbv	
4) Chloromethane	3.14	50	35974m	0.580	ppbv	
9) Propene	3.02	41	220258m	3.483	ppbv	
10) Heptane	8.14	43	301037	1.864	ppbv	100
11) Trichlorofluoromethane	3.95	101	62783	0.414	ppbv	95
13) Ethanol	3.61	45	1057202	121.271	ppbv	85
15) Acetone	3.85	43	1896042	14.259	ppbv	94
20) Methylene Chloride	4.36	84	58260m	1.069	ppbv	
26) Hexane	5.70	57	575515	4.814	ppbv #	42
30) Cyclohexane	7.15	84	673975	7.674	ppbv	98
34) 2-Butanone	5.26	43	101078m	0.603	ppbv	
35) Carbon Tetrachloride	7.04	117	11277m	0.077	ppbv	
36) Benzene	6.91	78	102529	0.479	ppbv	95
44) 2,2,4-Trimethylpentane	7.89	57	219373	0.566	ppbv #	66
52) Tetrachloroethene	11.25	164	5402m	0.070	ppbv	
53) Toluene	9.82	91	1180902	4.910	ppbv	98
58) Ethyl Benzene	12.73	91	628487	2.019	ppbv	100
59) m/p-Xylene	12.99	91	2487332	9.487	ppbv	97
60) o-Xylene	13.72	91	964816	3.906	ppbv	97
72) 4-Ethyltoluene	15.86	105	68354m	0.255	ppbv	
73) 1,3,5-Trimethylbenzene	16.02	105	57051m	0.223	ppbv	
74) 1,2,4-Trimethylbenzene	16.79	105	219154m	0.854	ppbv	
79) Naphthalene	22.24	128	52487m	0.403	ppbv	

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

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