

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL120720\
 Data File : VL036087.D
 Acq On : 8 Dec 2020 5:44
 Operator : SY/AP
 Sample : L4948-05
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 IA-2B

Manual Integrations
 APPROVED

MMDadoda
 12/11/2020 5:45:26 PM

Quant Time: Dec 08 21:33:17 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	1141396	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.19	114	2518205	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.11	117	2274872	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.44	95	1943438	10.76	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	107.60%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.05	85	37995m	0.286	ppbv	
3) Chlorodifluoromethane	2.99	51	60550	0.465	ppbv	94
4) Chloromethane	3.15	50	49179	0.769	ppbv	98
9) Propene	3.02	41	544256m	8.343	ppbv	
10) Heptane	8.14	43	349243	2.096	ppbv	98
11) Trichlorofluoromethane	3.96	101	55111	0.352	ppbv	85
13) Ethanol	3.61	45	1945901	216.374	ppbv	86
15) Acetone	3.85	43	1320056m	9.623	ppbv	
19) Isopropyl Alcohol	3.99	45	126133m	1.504	ppbv	
20) Methylene Chloride	4.35	84	116541m	2.073	ppbv	
26) Hexane	5.70	57	955061	7.744	ppbv #	41
30) Cyclohexane	7.15	84	583965	6.445	ppbv	98
34) 2-Butanone	5.27	43	117250	0.702	ppbv	94
35) Carbon Tetrachloride	7.03	117	10159m	0.069	ppbv	
36) Benzene	6.91	78	240689m	1.128	ppbv	
38) Trichloroethene	7.85	130	3315m	0.042	ppbv	
44) 2,2,4-Trimethylpentane	7.89	57	583955	1.511	ppbv #	82
52) Tetrachloroethene	11.25	164	11380m	0.147	ppbv	
53) Toluene	9.82	91	1582972	6.606	ppbv	100
58) Ethyl Benzene	12.73	91	629529	2.019	ppbv	95
59) m/p-Xylene	12.99	91	2280771	8.686	ppbv	97
60) o-Xylene	13.72	91	896564	3.624	ppbv	96
72) 4-Ethyltoluene	15.86	105	124113m	0.463	ppbv	
73) 1,3,5-Trimethylbenzene	16.02	105	108018m	0.422	ppbv	
74) 1,2,4-Trimethylbenzene	16.79	105	364634	1.419	ppbv #	66
79) Naphthalene	22.26	128	33777m	0.259	ppbv	

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

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