

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL121020\
 Data File : VL036145.D
 Acq On : 11 Dec 2020 2:06
 Operator : SY/AP
 Sample : L4948-10
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SS-7B

Manual Integrations
 APPROVED

MMDadoda
 12/15/2020 7:23:18 PM

Quant Time: Dec 14 22:19:49 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	5.65	49	1303850	10.00	ppbv	-0.04
33) 1,4-Difluorobenzene	7.16	114	2584344	10.00	ppbv	-0.04
55) Chlorobenzene-d5	12.07	117	2265899	10.00	ppbv	-0.05

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.40	95	2006166	11.15	ppbv	-0.05
Spiked Amount	10.000	Range	65 - 135	Recovery	=	111.50%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.03	85	52139m	0.343	ppbv	
3) Chlorodifluoromethane	2.97	51	189370	1.273	ppbv	93
4) Chloromethane	3.13	50	33782	0.463	ppbv	94
9) Propene	3.00	41	141156m	1.894	ppbv	
10) Heptane	8.10	43	116247	0.611	ppbv	94
11) Trichlorofluoromethane	3.93	101	249459	1.396	ppbv	92
13) Ethanol	3.60	45	880792	85.737	ppbv	89
15) Acetone	3.83	43	3193537m	20.380	ppbv	
17) tert-Butyl alcohol	4.29	59	327319m	2.156	ppbv	
19) Isopropyl Alcohol	3.96	45	197986	2.067	ppbv	# 100
20) Methylene Chloride	4.33	84	353628	5.507	ppbv	99
26) Hexane	5.67	57	276369	1.962	ppbv	# 45
27) Carbon Disulfide	4.53	76	140129m	1.001	ppbv	
29) Chloroform	5.73	83	117077m	0.633	ppbv	
30) Cyclohexane	7.11	84	213096m	2.059	ppbv	
34) 2-Butanone	5.23	43	565097	3.296	ppbv	100
35) Carbon Tetrachloride	7.00	117	11806m	0.078	ppbv	
36) Benzene	6.87	78	112090	0.512	ppbv	95
41) Tetrahydrofuran	6.05	42	64984	0.638	ppbv	94
44) 2,2,4-Trimethylpentane	7.85	57	101015	0.255	ppbv	# 73
53) Toluene	9.79	91	305705	1.243	ppbv	97
58) Ethyl Benzene	12.69	91	212633	0.685	ppbv	93
59) m/p-Xylene	12.95	91	851771m	3.257	ppbv	
60) o-Xylene	13.68	91	307146	1.246	ppbv	95
73) 1,3,5-Trimethylbenzene	15.99	105	55904m	0.219	ppbv	
74) 1,2,4-Trimethylbenzene	16.75	105	147154	0.575	ppbv	# 60
79) Naphthalene	22.19	128	138377m	1.064	ppbv	

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

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