

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL021623\
 Data File : VL040187.D
 Acq On : 16 Feb 2023 21:02
 Operator : SY/MD
 Sample : 01550-02
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SVP-05

Quant Time: Feb 17 03:32:30 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL021523AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Wed Feb 15 17:01:01 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Bromochloromethane	5.192	49	928356	10.000	ppbv	0.01
33) 1,4-Difluorobenzene	6.658	114	2424322	10.000	ppbv	0.01
55) Chlorobenzene-d5	11.478	117	2129210	10.000	ppbv	0.01
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.789	95	1625332	9.283	ppbv	0.01
Spiked Amount	10.000	Range	65 - 135	Recovery	=	92.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.719	85	47092	0.272	ppbv	98
3) Chlorodifluoromethane	2.665	51	33545m	0.302	ppbv	
4) Chloromethane	2.803	50	23166	0.333	ppbv	89
7) Chloroethane	3.189	64	3812	0.172	ppbv	96
9) Propene	2.684	41	1570623	34.744	ppbv	94
10) Heptane	7.584	43	254879	2.369	ppbv #	26
11) Trichlorofluoromethane	3.558	101	30278	0.195	ppbv	100
13) Ethanol	3.250	45	124716	29.968	ppbv	96
15) Acetone	3.459	43	8522505	76.252	ppbv #	85
17) tert-Butyl alcohol	3.893	59	549980	5.396	ppbv	100
19) Isopropyl Alcohol	3.594	45	129141m	2.431	ppbv	
20) Methylene Chloride	3.931	84	246118	4.230	ppbv	92
26) Hexane	5.211	57	665616	7.462	ppbv #	38
27) Carbon Disulfide	4.118	76	104895	0.927	ppbv	94
29) Chloroform	5.275	83	71504	0.467	ppbv	91
30) Cyclohexane	6.603	84	94849	1.354	ppbv	92
34) 2-Butanone	4.787	43	913462	7.638	ppbv	98
35) Carbon Tetrachloride	6.500	117	6221m	0.043	ppbv	
36) Benzene	6.369	78	473890	2.512	ppbv	98
44) 2,2,4-Trimethylpentane	7.333	57	7680888	24.389	ppbv	93
50) 4-Methyl-2-Pentanone	8.198	43	74905	0.403	ppbv	100
51) 2-Hexanone	9.552	43	716038	5.014	ppbv #	83
52) Tetrachloroethene	10.626	164	78000	1.324	ppbv	95
53) Toluene	9.230	91	1156774	5.725	ppbv	99
58) Ethyl Benzene	12.095	91	430751	1.665	ppbv	95
59) m/p-Xylene	12.355	91	1178170	5.142	ppbv	94
60) o-Xylene	13.069	91	520150	2.359	ppbv	98
62) Isopropylbenzene	14.040	105	64043	0.202	ppbv	99
64) n-propylbenzene	14.931	120	33712	0.430	ppbv	85
72) 4-Ethyltoluene	15.204	105	169181	0.694	ppbv	98
73) 1,3,5-Trimethylbenzene	15.362	105	140740	0.621	ppbv	94
74) 1,2,4-Trimethylbenzene	16.114	105	514924	2.067	ppbv #	70

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

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