

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL021623\
 Data File : VL040185.D
 Acq On : 16 Feb 2023 19:42
 Operator : SY/MD
 Sample : 01550-01DUP
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SVP-03

Quant Time: Feb 17 03:32:06 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	5.185	49	868137	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.652	114	2246215	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.471	117	2064902	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.783	95	1578719	9.298	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	93.000%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.716	85	20723	0.128	ppbv	95
3) Chlorodifluoromethane	2.665	51	20824m	0.201	ppbv	
4) Chloromethane	2.800	50	7993	0.123	ppbv	91
9) Propene	2.687	41	335376m	7.934	ppbv	
10) Heptane	7.574	43	293684	2.919	ppbv	98
11) Trichlorofluoromethane	3.552	101	71530	0.493	ppbv	99
13) Ethanol	3.227	45	43685m	11.225	ppbv	
15) Acetone	3.452	43	3179695	30.422	ppbv #	78
17) tert-Butyl alcohol	3.867	59	396243	4.157	ppbv	99
20) Methylene Chloride	3.922	84	236624	4.349	ppbv	93
26) Hexane	5.208	57	1465444	17.569	ppbv #	35
27) Carbon Disulfide	4.118	76	45308	0.428	ppbv #	95
29) Chloroform	5.269	83	35662	0.249	ppbv	97
30) Cyclohexane	6.600	84	19192m	0.293	ppbv	
32) 1,1,1-Trichloroethane	5.992	97	4536m	0.034	ppbv	
34) 2-Butanone	4.777	43	449910	4.060	ppbv	94
35) Carbon Tetrachloride	6.497	117	3734m	0.028	ppbv	
36) Benzene	6.365	78	128005	0.732	ppbv	97
44) 2,2,4-Trimethylpentane	7.320	57	236532	0.811	ppbv #	85
51) 2-Hexanone	9.552	43	335770	2.538	ppbv #	96
52) Tetrachloroethene	10.616	164	23126m	0.424	ppbv	
53) Toluene	9.221	91	770635	4.116	ppbv	100
58) Ethyl Benzene	12.095	91	283671	1.131	ppbv	95
59) m/p-Xylene	12.346	91	940043	4.230	ppbv	95
60) o-Xylene	13.066	91	397444	1.859	ppbv	98
62) Isopropylbenzene	14.037	105	38364	0.125	ppbv	98
64) n-propylbenzene	14.921	120	31393	0.413	ppbv	94
72) 4-Ethyltoluene	15.201	105	165925	0.702	ppbv	98
73) 1,3,5-Trimethylbenzene	15.355	105	130931	0.595	ppbv	92
74) 1,2,4-Trimethylbenzene	16.111	105	498639	2.064	ppbv #	67

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

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