

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL121124\
 Data File : VL041741.D
 Acq On : 12 Dec 2024 09:30
 Operator : SY/MD
 Sample : P5150-01 4X
 Misc : 400mL/MSVOA_L
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SV1

Quant Time: Dec 12 13:17:51 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL121124AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Thu Dec 12 13:35:39 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Bromochloromethane	2.774	49	248666	10.000	ppbv	-0.02
33) 1,4-Difluorobenzene	3.939	114	1174841	10.000	ppbv	-0.03
55) Chlorobenzene-d5	8.869	117	1038894m	10.000	ppbv	-0.03

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.367	95	691149	10.120	ppbv	-0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	101.200%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.492	85	5385	0.123	ppbv	94
5) Vinyl Chloride	1.573	62	1105	0.078	ppbv #	88
9) Propene	1.476	41	19632	1.360	ppbv	93
10) Heptane	4.959	43	21511	0.539	ppbv	95
13) Ethanol	1.716	45	4138	3.466	ppbv	91
15) Acetone	1.829	43	112952	3.934	ppbv #	67
17) tert-Butyl alcohol	2.033	59	9693	0.233	ppbv #	84
19) Isopropyl Alcohol	1.881	45	8990	0.330	ppbv #	1
20) Methylene Chloride	2.052	84	5770	0.332	ppbv	96
26) Hexane	2.816	57	111986	2.894	ppbv #	43
27) Carbon Disulfide	2.143	76	4855	0.122	ppbv #	46
29) Chloroform	2.836	83	424960	7.173	ppbv	98
30) Cyclohexane	3.839	84	7471	0.172	ppbv #	83
31) cis-1,2-Dichloroethene	2.709	61	3231107m	90.130	ppbv	
32) 1,1,1-Trichloroethane	3.357	97	10208	0.175	ppbv	96
34) 2-Butanone	2.547	43	134108	3.260	ppbv	100
35) Carbon Tetrachloride	3.748	117	1914	0.035	ppbv	86
36) Benzene	3.641	78	34844	0.377	ppbv	97
38) Trichloroethene	4.528	130	363103	7.580	ppbv	98
41) Tetrahydrofuran	3.056	42	3518	0.142	ppbv #	81
52) Tetrachloroethene	8.215	164	3566631	72.876	ppbv	95
53) Toluene	6.910	91	110875	0.977	ppbv	98
58) Ethyl Benzene	9.344	91	13407	0.096	ppbv	94
59) m/p-Xylene	9.519	91	35278	0.331	ppbv	97
60) o-Xylene	9.953	91	16663	0.158	ppbv	98
73) 1,3,5-Trimethylbenzene	11.193	105	10499	0.095	ppbv #	82
74) 1,2,4-Trimethylbenzene	11.529	105	28374	0.237	ppbv #	68

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

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