

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL061124\
 Data File : VL041347.D
 Acq On : 11 Jun 2024 14:56
 Operator : SY/MD
 Sample : P2837-01 4X
 Misc : 400mL/MSVOA_L
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SVI

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 06/12/2024
 Supervised By :Mahesh Dadoda 06/12/2024

Quant Time: Jun 12 01:24:01 2024

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL060424AIR.M

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 2

QLast Update : Wed Jun 12 01:18:29 2024

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.208	49	1097291	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.668	114	2964622	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.474	117	2714803	10.000	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 13.783 95 2113457 10.083 ppbv 0.00
 Spiked Amount 10.000 Range 65 - 135 Recovery = 100.800%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.761	85	36300	0.207	ppbv	98
3) Chlorodifluoromethane	2.706	51	187925m	1.084	ppbv	
4) Chloromethane	2.845	50	7801	0.120	ppbv	93
5) Vinyl Chloride	2.947	62	2589	0.039	ppbv #	63
9) Propene	2.729	41	96725	1.566	ppbv	90
10) Heptane	7.587	43	26353m	0.180	ppbv	
11) Trichlorofluoromethane	3.587	101	37377	0.232	ppbv	100
13) Ethanol	3.269	45	96401m	5.999	ppbv	
15) Acetone	3.494	43	767701	6.128	ppbv #	89
17) tert-Butyl alcohol	3.918	59	16897m	0.146	ppbv	
19) Isopropyl Alcohol	3.610	45	25879m	0.329	ppbv	
20) Methylene Chloride	3.957	84	749192	16.453	ppbv	97
26) Hexane	5.230	57	1266142	11.360	ppbv #	40
27) Carbon Disulfide	4.147	76	67021	0.543	ppbv #	91
29) Chloroform	5.291	83	21829m	0.128	ppbv	
30) Cyclohexane	6.613	84	13567m	0.150	ppbv	
32) 1,1,1-Trichloroethane	6.012	97	5955m	0.037	ppbv	
34) 2-Butanone	4.806	43	923920	6.505	ppbv	98
35) Carbon Tetrachloride	6.504	117	9639m	0.057	ppbv	
37) 1,2-Dichloroethane	5.825	62	17108	0.128	ppbv #	96
38) Trichloroethene	7.301	130	9400m	0.101	ppbv	
39) 1,2-Dichloropropane	7.082	63	74868	0.818	ppbv	92
44) 2,2,4-Trimethylpentane	7.340	57	136245	0.345	ppbv #	83
51) 2-Hexanone	9.565	43	211734	1.267	ppbv #	98
52) Tetrachloroethene	10.626	164	1477568	17.632	ppbv	98
53) Toluene	9.227	91	88709	0.336	ppbv	96
59) m/p-Xylene	12.346	91	64602m	0.217	ppbv	
60) o-Xylene	13.066	91	48097m	0.169	ppbv	
62) Isopropylbenzene	14.034	105	23754m	0.055	ppbv	
73) 1,3,5-Trimethylbenzene	15.355	105	48821m	0.170	ppbv	
74) 1,2,4-Trimethylbenzene	16.108	105	127845m	0.393	ppbv	

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

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