

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL121824\
 Data File : VL041810.D
 Acq On : 19 Dec 2024 00:11
 Operator : SY/MD
 Sample : P5293-03DL 2X
 Misc : 400mL/MSVOA_L
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 C0AC1DL

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 12/23/2024
 Supervised By : Mahesh Dadoda 12/23/2024

Quant Time: Dec 19 08:01:58 2024

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL121624AIR.M

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

QLast Update : Thu Dec 19 07:32:09 2024

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	2.794	49	74135	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.972	114	177633	10.000	ppbv	0.02
55) Chlorobenzene-d5	8.891	117	156162	10.000	ppbv	0.01
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.387	95	138713	10.659	ppbv	0.01
Spiked Amount	10.000	Range	65 - 135	Recovery	= 106.600%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.502	85	2899	0.220	ppbv	94
4) Chloromethane	1.534	50	4999	0.969	ppbv	93
9) Propene	1.486	41	14442	2.756	ppbv	96
11) Trichlorofluoromethane	1.881	101	1359	0.097	ppbv	97
13) Ethanol	1.725	45	1157777	2668.289	ppbv	96
15) Acetone	1.839	43	149341	10.353	ppbv	98
17) tert-Butyl alcohol	2.046	59	7260	0.507	ppbv #	94
19) Isopropyl Alcohol	1.891	45	20001	2.311	ppbv #	1
20) Methylene Chloride	2.065	84	3482	0.847	ppbv	91
29) Chloroform	2.855	83	10038	0.647	ppbv	94
34) 2-Butanone	2.564	43	29410	2.058	ppbv	98
36) Benzene	3.667	78	6389	0.348	ppbv	97
42) Bromodichloromethane	4.502	83	1698	0.129	ppbv #	55
53) Toluene	6.946	91	9756	0.468	ppbv	97
58) Ethyl Benzene	9.364	91	3369	0.120	ppbv #	74
59) m/p-Xylene	9.545	91	13654	0.604	ppbv #	100
60) o-Xylene	9.972	91	5359	0.236	ppbv	99
61) Styrene	9.888	104	1773m	0.181	ppbv	
65) tert-Butylbenzene	11.545	119	2994	0.097	ppbv #	50
72) 4-Ethyltoluene	11.134	105	4673	0.175	ppbv #	63
73) 1,3,5-Trimethylbenzene	11.212	105	4667	0.210	ppbv	93
74) 1,2,4-Trimethylbenzene	11.545	105	22943	0.961	ppbv #	56

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

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