

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL121824\
 Data File : VL041800.D
 Acq On : 18 Dec 2024 18:50
 Operator : SY/MD
 Sample : P5293-03
 Misc : 400mL/MSVOA_L
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 C0AC1

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 12/19/2024
 Supervised By : Mahesh Dadoda 12/19/2024

Quant Time: Dec 19 07:57:35 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	2.797	49	75472	10.000	ppbv	0.01
33) 1,4-Difluorobenzene	3.971	114	186655	10.000	ppbv	0.02
55) Chlorobenzene-d5	8.894	117	166096	10.000	ppbv	0.02
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.390	95	150452	10.870	ppbv	0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	= 108.700%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.502	85	5105	0.380	ppbv	91
3) Chlorodifluoromethane	1.479	51	3096m	0.252	ppbv	
4) Chloromethane	1.537	50	10014	1.906	ppbv	92
9) Propene	1.486	41	31355	5.878	ppbv	88
10) Heptane	4.994	43	4991m	0.364	ppbv	
11) Trichlorofluoromethane	1.884	101	2747	0.193	ppbv #	82
13) Ethanol	1.732	45	2100930	4756.166	ppbv	99
15) Acetone	1.838	43	315433	21.480	ppbv	98
17) tert-Butyl alcohol	2.052	59	15513	1.065	ppbv	100
19) Isopropyl Alcohol	1.894	45	43147	4.897	ppbv #	1
20) Methylene Chloride	2.068	84	6983	1.668	ppbv	88
25) Ethyl Acetate	2.848	43	30957	1.133	ppbv #	90
29) Chloroform	2.858	83	23212	1.469	ppbv	95
34) 2-Butanone	2.567	43	72623	4.836	ppbv	99
35) Carbon Tetrachloride	3.777	117	981m	0.074	ppbv	
36) Benzene	3.667	78	15442	0.800	ppbv	97
42) Bromodichloromethane	4.499	83	3849m	0.278	ppbv	
50) 4-Methyl-2-Pentanone	5.800	43	5944m	0.291	ppbv	
53) Toluene	6.949	91	27768	1.269	ppbv	96
58) Ethyl Benzene	9.364	91	10320m	0.345	ppbv	
59) m/p-Xylene	9.545	91	39541	1.645	ppbv #	100
60) o-Xylene	9.975	91	15281	0.634	ppbv	97
61) Styrene	9.885	104	4539	0.435	ppbv	98
64) n-propylbenzene	10.995	120	2431m	0.265	ppbv	
69) p-Isopropyltoluene	11.937	119	6800	0.182	ppbv #	85
72) 4-Ethyltoluene	11.137	105	15210	0.534	ppbv #	55
73) 1,3,5-Trimethylbenzene	11.215	105	15880	0.673	ppbv	89
74) 1,2,4-Trimethylbenzene	11.548	105	73547	2.896	ppbv #	58
79) Naphthalene	13.526	128	3853m	0.218	ppbv	
80) Naphthalene,2-methyl-	14.471	142	645	0.118	ppbv #	72

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

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