

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL121924\
 Data File : VL041825.D
 Acq On : 19 Dec 2024 17:41
 Operator : SY/MD
 Sample : P5296-02
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 C0AC3

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 12/20/2024
 Supervised By :Mahesh Dadoda 12/20/2024

Quant Time: Dec 20 01:46:25 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	2.787	49	83158	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.959	114	189313	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.878	117	189944	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.374	95	155720	9.838	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	98.400%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.492	85	5086	0.344	ppbv	100
3) Chlorodifluoromethane	1.470	51	3205m	0.236	ppbv	
4) Chloromethane	1.528	50	1851	0.320	ppbv	97
9) Propene	1.483	41	5467	0.930	ppbv	88
11) Trichlorofluoromethane	1.877	101	3036	0.193	ppbv	97
13) Ethanol	1.719	45	118283	243.024	ppbv	93
15) Acetone	1.835	43	37575	2.322	ppbv	100
17) tert-Butyl alcohol	2.043	59	3747	0.233	ppbv #	93
19) Isopropyl Alcohol	1.884	45	13274	1.367	ppbv #	39
20) Methylene Chloride	2.062	84	22614	4.902	ppbv	93
26) Hexane	2.829	57	10691	0.936	ppbv #	45
29) Chloroform	2.848	83	14042	0.807	ppbv	93
34) 2-Butanone	2.560	43	6382	0.419	ppbv	100
35) Carbon Tetrachloride	3.761	117	605m	0.045	ppbv	
36) Benzene	3.658	78	3625m	0.185	ppbv	
41) Tetrahydrofuran	3.062	42	2523m	0.296	ppbv	
50) 4-Methyl-2-Pentanone	5.774	43	2526m	0.122	ppbv	
52) Tetrachloroethene	8.218	164	2301m	0.316	ppbv	
53) Toluene	6.933	91	49452	2.227	ppbv	99
58) Ethyl Benzene	9.351	91	12214	0.357	ppbv	96
59) m/p-Xylene	9.532	91	37742	1.373	ppbv #	100
60) o-Xylene	9.959	91	15054	0.546	ppbv	99
61) Styrene	9.866	104	4254	0.357	ppbv	95
74) 1,2,4-Trimethylbenzene	11.536	105	3328	0.115	ppbv #	68

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

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