

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL121824\
 Data File : VL041813.D
 Acq On : 19 Dec 2024 01:55
 Operator : SY/MD
 Sample : P5292-02
 Misc : 400mL/MSVOA_L
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 C0AC6

Manual Integrations
 APPROVED

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

Quant Time: Dec 19 08:03:19 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	2.793	49	75339	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.968	114	184828	10.000	ppbv	0.01
55) Chlorobenzene-d5	8.888	117	185714	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.383	95	149193	9.640	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	96.400%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.499	85	7356	0.549	ppbv	95
4) Chloromethane	1.531	50	1019	0.194	ppbv	96
9) Propene	1.489	41	4671	0.877	ppbv	93
10) Heptane	4.991	43	3127m	0.229	ppbv	
11) Trichlorofluoromethane	1.881	101	14344	1.007	ppbv	92
13) Ethanol	1.722	45	39169	88.829	ppbv	91
15) Acetone	1.839	43	52705	3.595	ppbv	94
17) tert-Butyl alcohol	2.046	59	7358m	0.506	ppbv	
19) Isopropyl Alcohol	1.887	45	203262	23.109	ppbv #	36
20) Methylene Chloride	2.065	84	8722	2.087	ppbv	95
25) Ethyl Acetate	2.842	43	31983	1.173	ppbv	99
26) Hexane	2.832	57	12521	1.210	ppbv #	91
29) Chloroform	2.855	83	7646	0.485	ppbv	99
30) Cyclohexane	3.868	84	3422m	0.389	ppbv	
32) 1,1,1-Trichloroethane	3.376	97	37621	2.347	ppbv	97
34) 2-Butanone	2.567	43	10439	0.702	ppbv	94
35) Carbon Tetrachloride	3.774	117	896m	0.068	ppbv	
36) Benzene	3.664	78	3612m	0.189	ppbv	
41) Tetrahydrofuran	3.072	42	5854	0.703	ppbv	93
52) Tetrachloroethene	8.225	164	450m	0.063	ppbv	
53) Toluene	6.949	91	102249	4.717	ppbv	99
57) Chlorobenzene	8.930	112	3385	0.178	ppbv #	82
58) Ethyl Benzene	9.364	91	15539	0.465	ppbv	100
59) m/p-Xylene	9.539	91	51273	1.907	ppbv #	100
60) o-Xylene	9.969	91	19501	0.723	ppbv	100
61) Styrene	9.878	104	5166	0.443	ppbv	94

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

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