

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL032725\
 Data File : VL042198.D
 Acq On : 28 Mar 2025 01:57
 Operator : SY/MD
 Sample : Q1669-07
 Misc : 400mL/MSVOA_L
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SSSG-B16-1-3262025

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 03/31/2025
 Supervised By :Mahesh Dadoda 04/03/2025

Quant Time: Mar 28 23:03:39 2025

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL032725AIR.M

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

QLast Update : Fri Mar 28 02:00:52 2025

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	2.790	49	175214	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.962	114	504192	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.881	117	456695	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.377	95	374920	9.997	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	100.000%
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.495	85	13401	0.518	ppbv	96
4) Chloromethane	1.528	50	1536	0.145	ppbv #	64
9) Propene	1.479	41	10650	0.879	ppbv	96
10) Heptane	4.978	43	10394m	0.323	ppbv	
11) Trichlorofluoromethane	1.877	101	5125	0.204	ppbv	91
13) Ethanol	1.722	45	170673	149.043	ppbv	82
15) Acetone	1.835	43	866562	35.363	ppbv	98
17) tert-Butyl alcohol	2.042	59	19215	0.630	ppbv #	89
20) Methylene Chloride	2.065	84	14093	1.544	ppbv	94
26) Hexane	2.829	57	26539	1.080	ppbv #	33
29) Chloroform	2.852	83	3953	0.110	ppbv	93
30) Cyclohexane	3.858	84	4530m	0.212	ppbv	
32) 1,1,1-Trichloroethane	3.376	97	2054	0.050	ppbv	89
34) 2-Butanone	2.564	43	85672	2.343	ppbv	99
35) Carbon Tetrachloride	3.764	117	1493m	0.038	ppbv	
36) Benzene	3.661	78	22692	0.454	ppbv #	92
38) Trichloroethene	4.548	130	1734m	0.083	ppbv	
41) Tetrahydrofuran	3.065	42	9870	0.469	ppbv	95
44) 2,2,4-Trimethylpentane	4.641	57	20106m	0.238	ppbv	
50) 4-Methyl-2-Pentanone	5.768	43	90838	1.568	ppbv	99
52) Tetrachloroethene	8.224	164	2909	0.147	ppbv #	78
53) Toluene	6.936	91	360213	6.079	ppbv	100
58) Ethyl Benzene	9.354	91	43413	0.535	ppbv #	87
59) m/p-Xylene	9.532	91	127535	1.969	ppbv	99
60) o-Xylene	9.966	91	56023	0.863	ppbv	98
61) Styrene	9.869	104	25026	0.779	ppbv	98
64) n-propylbenzene	10.989	120	3769m	0.151	ppbv	
73) 1,3,5-Trimethylbenzene	11.205	105	14315	0.203	ppbv	98
74) 1,2,4-Trimethylbenzene	11.536	105	39507	0.486	ppbv #	70

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

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