

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL122921\
 Data File : VL038240.D
 Acq On : 29 Dec 2021 19:58
 Operator : SY/AP
 Sample : M5217-03
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SV3

Manual Integrations
 APPROVED

Reviewed By :Amit Patel 12/30/2021
 Supervised By :Semsettin Yesilyurt 01/02/2022

Quant Time: Dec 29 20:30:18 2021

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL122121AIR.M

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Tue Dec 29 2021

QLast Update : Tue Dec 21 17:47:08 2021

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.671	49	685938	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	7.179	114	1882839	10.000	ppbv	0.00
55) Chlorobenzene-d5	12.085	117	1664570	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.413	95	1340755	10.452	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	104.500%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	3.060	85	28402	0.220	ppbv	94
3) Chlorodifluoromethane	2.996	51	32226m	0.224	ppbv	
4) Chloromethane	3.150	50	12820	0.257	ppbv #	82
9) Propene	3.021	41	731204	14.610	ppbv	93
10) Heptane	8.124	43	468587	3.691	ppbv	98
11) Trichlorofluoromethane	3.957	101	41562	0.350	ppbv	92
13) Ethanol	3.610	45	1519415	179.069	ppbv #	100
15) Acetone	3.851	43	3157393	45.865	ppbv #	86
17) tert-Butyl alcohol	4.298	59	412144	5.451	ppbv	99
19) Isopropyl Alcohol	3.976	45	301900	7.031	ppbv #	1
20) Methylene Chloride	4.353	84	513628	13.215	ppbv	94
26) Hexane	5.690	57	476534	5.092	ppbv #	56
27) Carbon Disulfide	4.555	76	34747	0.422	ppbv #	83
29) Chloroform	5.761	83	1219612	8.783	ppbv	97
30) Cyclohexane	7.131	84	70316	0.848	ppbv #	48
34) 2-Butanone	5.243	43	4112573	72.671	ppbv	100
35) Carbon Tetrachloride	7.021	117	18581	0.160	ppbv	95
36) Benzene	6.896	78	394757	2.248	ppbv	98
38) Trichloroethene	7.838	130	136366	2.040	ppbv	97
41) Tetrahydrofuran	6.047	42	603417	14.557	ppbv	98
44) 2,2,4-Trimethylpentane	7.870	57	1714267	5.746	ppbv	91
50) 4-Methyl-2-Pentanone	8.745	43	148880	1.447	ppbv	100
51) 2-Hexanone	10.127	43	980275	19.905	ppbv #	98
52) Tetrachloroethene	11.217	164	234978m	3.625	ppbv	
53) Toluene	9.809	91	2779563	13.716	ppbv	99
58) Ethyl Benzene	12.709	91	914354	3.540	ppbv	99
59) m/p-Xylene	12.970	91	2374898	10.754	ppbv	98
60) o-Xylene	13.687	91	823871	4.024	ppbv	97
61) Styrene	13.523	104	36225m	0.349	ppbv	
62) Isopropylbenzene	14.664	105	112258	0.391	ppbv	98
64) n-propylbenzene	15.558	120	79581	1.114	ppbv	77
72) 4-Ethyltoluene	15.838	105	442677	1.878	ppbv	96
73) 1,3,5-Trimethylbenzene	15.998	105	236324	1.120	ppbv	96
74) 1,2,4-Trimethylbenzene	16.760	105	885322	3.995	ppbv #	74

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

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