

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL122921\
 Data File : VL038239.D
 Acq On : 29 Dec 2021 19:17
 Operator : SY/AP
 Sample : M5217-02
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SV2

Manual Integrations
 APPROVED

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

Quant Time: Dec 29 19:59:16 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 19:59:16 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	670704	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	7.179	114	1794132	10.000	ppbv	0.00
55) Chlorobenzene-d5	12.086	117	1592119	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.413	95	1301508	10.608	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	106.100%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	3.060	85	26950	0.213	ppbv	96
3) Chlorodifluoromethane	2.993	51	24966m	0.177	ppbv	
4) Chloromethane	3.150	50	15656	0.320	ppbv	99
9) Propene	3.018	41	3250319	66.419	ppbv	94
10) Heptane	8.127	43	804958	6.484	ppbv	99
11) Trichlorofluoromethane	3.960	101	24757	0.213	ppbv	96
13) Ethanol	3.607	45	1197001	144.275	ppbv #	100
15) Acetone	3.851	43	4407014	65.471	ppbv	97
17) tert-Butyl alcohol	4.298	59	317563	4.295	ppbv	99
19) Isopropyl Alcohol	3.970	45	228305	5.438	ppbv #	1
20) Methylene Chloride	4.353	84	307156	8.082	ppbv	98
26) Hexane	5.690	57	703988	7.694	ppbv #	55
27) Carbon Disulfide	4.555	76	290164	3.603	ppbv	97
28) Methyl tert-Butyl Ether	5.047	73	18829m	0.205	ppbv	
29) Chloroform	5.761	83	1132927	8.344	ppbv	100
30) Cyclohexane	7.131	84	191581	2.364	ppbv #	51
34) 2-Butanone	5.243	43	4008365	74.331	ppbv	99
35) Carbon Tetrachloride	7.018	117	93370	0.843	ppbv	91
36) Benzene	6.893	78	1272168	7.602	ppbv	98
38) Trichloroethene	7.838	130	45491m	0.714	ppbv	
41) Tetrahydrofuran	6.047	42	733623	18.574	ppbv	98
44) 2,2,4-Trimethylpentane	7.873	57	3728793	13.116	ppbv	92
50) 4-Methyl-2-Pentanone	8.748	43	232347	2.370	ppbv	94
51) 2-Hexanone	10.131	43	1050021	22.375	ppbv #	90
52) Tetrachloroethene	11.227	164	512696	8.300	ppbv	97
53) Toluene	9.809	91	3155769	16.343	ppbv	100
58) Ethyl Benzene	12.709	91	1073884	4.347	ppbv	97
59) m/p-Xylene	12.963	91	2736202	12.954	ppbv	99
60) o-Xylene	13.687	91	1006734	5.141	ppbv	94
61) Styrene	13.516	104	15708m	0.158	ppbv	
62) Isopropylbenzene	14.664	105	169185	0.615	ppbv	98
64) n-propylbenzene	15.558	120	100797	1.475	ppbv	86
66) Benzyl Chloride	17.056	91	1714	0.190	ppbv #	62
67) sec-Butylbenzene	17.288	105	82629	0.248	ppbv	97
72) 4-Ethyltoluene	15.838	105	457004	2.026	ppbv	97
73) 1,3,5-Trimethylbenzene	15.995	105	263878	1.308	ppbv	96
74) 1,2,4-Trimethylbenzene	16.764	105	814716	3.844	ppbv #	74

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

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