

Data Path : Z:\voasrv\HPCHEM1\MSVOA L\Data\VL022521\
 Data File : VL036391.D
 Acq On : 25 Feb 2021 21:19
 Operator : SY/AP
 Sample : M1458-13 0.1LOD
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 LOD-MDL-AIR-01-QT1-2021

Manual Integrations
 APPROVED

MMDadoda
 3/1/2021 10:03:14 AM

Quant Time: Feb 26 16:15:55 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL021021AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Feb 10 16:04:02 2021
 QLast Update : Wed Feb 10 16:04:02 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.65	49	1473307	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.15	114	3234664	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.07	117	2929432	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.39	95	2368875	9.83	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	98.30%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	3.03	85	33658	0.153 ppbv	90
3) Chlorodifluoromethane	2.97	51	27106	0.148 ppbv	96
4) Chloromethane	3.13	50	10219m	0.116 ppbv	
5) Vinyl Chloride	3.25	62	9153	0.111 ppbv	99
6) Bromomethane	3.46	94	6098m	0.125 ppbv	
7) Chloroethane	3.55	64	4894m	0.167 ppbv	
8) Dichlorotetrafluoroethane	3.17	85	29084	0.145 ppbv	96
9) Propene	3.01	41	17794m	0.261 ppbv	
10) Heptane	8.10	43	8420	0.042 ppbv #	1
11) Trichlorofluoromethane	3.93	101	30461m	0.141 ppbv	
12) 1,1,2-Trichlorotrifluoroet	4.47	101	20953m	0.157 ppbv	
14) Bromoethene	3.73	108	7575m	0.136 ppbv	
15) Acetone	3.86	43	40120m	0.223 ppbv	
16) 1,3-Butadiene	3.31	39	16735m	0.194 ppbv	
17) tert-Butyl alcohol	4.31	59	13058m	0.093 ppbv	
18) 1,1-Dichloroethene	4.27	96	8589m	0.142 ppbv	
19) Isopropyl Alcohol	3.98	45	16342m	0.164 ppbv	
20) Methylene Chloride	4.33	84	15116m	0.260 ppbv	
21) Allvl Chloride	4.40	41	7811	0.078 ppbv #	16
22) trans-1,2-Dichloroethene	4.87	96	8875m	0.161 ppbv	
23) Vinyl Acetate	5.06	43	30899m	0.146 ppbv	
24) 1,1-Dichloroethane	4.99	63	23767m	0.152 ppbv	
25) Ethyl Acetate	5.68	43	42574m	0.122 ppbv	
26) Hexane	5.67	57	16550m	0.116 ppbv	
27) Carbon Disulfide	4.53	76	14072m	0.107 ppbv	
28) Methyl tert-Butyl Ether	5.04	73	21804m	0.117 ppbv	
29) Chloroform	5.74	83	30963m	0.135 ppbv	
30) Cyclohexane	7.14	84	19036m	0.160 ppbv	
31) cis-1,2-Dichloroethene	5.53	61	15928m	0.113 ppbv	
32) 1,1,1-Trichloroethane	6.49	97	22201	0.103 ppbv #	78
34) 2-Butanone	5.25	43	29272m	0.136 ppbv	
35) Carbon Tetrachloride	7.00	117	22111	0.102 ppbv	94
36) Benzene	6.87	78	27342m	0.100 ppbv	
37) 1,2-Dichloroethane	6.29	62	10897	0.064 ppbv #	71
38) Trichloroethene	7.82	130	8424	0.086 ppbv #	54
39) 1,2-Dichloropropane	7.16	63	936749	8.392 ppbv #	23
43) Methyl Methacrylate	8.01	69	5498	0.047 ppbv #	17
47) 1,1,2-Trichloroethane	9.45	97	3759	0.033 ppbv #	54
52) Tetrachloroethene	11.20	164	3737	0.037 ppbv #	51
53) Toluene	9.78	91	12432	0.042 ppbv #	23
56) 1,1,1,2-Tetrachloroethane	12.11	131	9268	0.069 ppbv #	1

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57) Chlorobenzene	12.13	112	23610	0.104	ppbv #	73
60) o-Xylene	13.67	91	32762	0.097	ppbv	94
62) Isopropylbenzene	14.65	105	47892	0.095	ppbv	99
63) 1,1,2,2-Tetrachloroethane	13.66	83	20267	0.076	ppbv #	39
69) p-Isopropyltoluene	17.65	119	17139	0.036	ppbv #	30
72) 4-Ethyltoluene	15.83	105	11957	0.032	ppbv #	8
75) 1,3-Dichlorobenzene	16.99	146	6648	0.033	ppbv #	22

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

