

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL110921\
 Data File : VL038001.D
 Acq On : 10 Nov 2021 5:19
 Operator : SY/AP
 Sample : M4598-01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 356-1

Manual Integrations APPROVED

Reviewed By : Semsettin Yesilyurt 11/15/2021
 Supervised By : Mahesh Dadoda 11/17/2021

Quant Time: Nov 10 06:48:42 2021

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL110121AIR.M

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Tue Nov 9 06:48:42 2021

QLast Update : Tue Nov 02 05:54:07 2021

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.674	49	1433915	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	7.179	114	3972542	10.000	ppbv	0.00
55) Chlorobenzene-d5	12.085	117	3471706	10.000	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 14.413 95 2375632 9.414 ppbv 0.00
 Spiked Amount 10.000 Range 65 - 135 Recovery = 94.100%

Target Compounds

					Qvalue	
2) Dichlorodifluoromethane	3.054	85	37212m	0.184	ppbv	
3) Chlorodifluoromethane	2.996	51	3392135	12.708	ppbv	93
4) Chloromethane	3.147	50	43585m	0.430	ppbv	
9) Propene	3.018	41	1361997	14.231	ppbv	89
10) Heptane	8.124	43	163510	0.734	ppbv	97
11) Trichlorofluoromethane	3.957	101	37190	0.185	ppbv	92
13) Ethanol	3.610	45	907075	93.946	ppbv	89
15) Acetone	3.851	43	12753898	107.638	ppbv #	75
16) 1,3-Butadiene	3.317	39	1458174	15.618	ppbv #	18
17) tert-Butyl alcohol	4.301	59	539726	4.381	ppbv	98
19) Isopropyl Alcohol	3.973	45	471513	6.223	ppbv #	85
20) Methylene Chloride	4.349	84	788331	12.119	ppbv	96
22) trans-1,2-Dichloroethene	4.893	96	1295392	18.062	ppbv	93
26) Hexane	5.690	57	909725	5.456	ppbv #	47
27) Carbon Disulfide	4.552	76	33880	0.206	ppbv #	41
29) Chloroform	5.758	83	49511m	0.199	ppbv	
30) Cyclohexane	7.131	84	33780m	0.237	ppbv	
31) cis-1,2-Dichloroethene	5.558	61	143938	0.946	ppbv	97
34) 2-Butanone	5.246	43	10220554	69.432	ppbv	96
35) Carbon Tetrachloride	7.024	117	12459m	0.052	ppbv	
36) Benzene	6.893	78	269627	0.833	ppbv #	89
38) Trichloroethene	7.838	130	5143072	38.303	ppbv	97
41) Tetrahydrofuran	6.060	42	47468	0.659	ppbv	92
44) 2,2,4-Trimethylpentane	7.873	57	236392	0.430	ppbv #	75
50) 4-Methyl-2-Pentanone	8.748	43	78130m	0.404	ppbv	
51) 2-Hexanone	10.130	43	801227	9.829	ppbv #	99
52) Tetrachloroethene	11.224	164	600951	4.897	ppbv	98
53) Toluene	9.809	91	2519178	7.264	ppbv	100
58) Ethyl Benzene	12.709	91	761893	1.795	ppbv	99
59) m/p-Xylene	12.963	91	2495671	6.614	ppbv	95
60) o-Xylene	13.690	91	873584	2.455	ppbv	97
61) Styrene	13.529	104	172389	1.055	ppbv	98
64) n-propylbenzene	15.555	120	47054m	0.365	ppbv	
72) 4-Ethyltoluene	15.838	105	256675	0.630	ppbv #	92
73) 1,3,5-Trimethylbenzene	15.995	105	190404	0.499	ppbv	91
74) 1,2,4-Trimethylbenzene	16.757	105	724627	1.812	ppbv #	76
79) Naphthalene	22.194	128	36237m	0.157	ppbv	

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

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