

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL111021\
 Data File : VL038013.D
 Acq On : 10 Nov 2021 17:28
 Operator : SY/AP
 Sample : M4598-04
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA L
 ClientSampleId :
 356-4

Manual Integrations
 APPROVED

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

Quant Time: Nov 11 05:05:20 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL110121A
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument:
 QLast Update : Tue Nov 02 05:54:07 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.66	49	1529069	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.19	114	4364977	10.00	ppbv	0.02
55) Chlorobenzene-d5	12.37	117	3345409	10.00	ppbv	0.29

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.53	95	2521197	10.37	ppbv	0.12
Spiked Amount	10.000	Range	65 - 135	Recovery	=	103.70%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	3.05	85	128409	0.596 ppbv	97
3) Chlorodifluoromethane	2.99	51	9258324m	32.525 ppbv	
4) Chloromethane	3.14	50	26706	0.247 ppbv	92
9) Propene	3.01	41	995169	9.751 ppbv	89
11) Trichlorofluoromethane	3.95	101	35977	0.168 ppbv	91
12) 1,1,2-Trichlorotrifluoroet	4.49	101	55975	0.335 ppbv #	78
13) Ethanol	3.61	45	820544	79.696 ppbv	88
15) Acetone	3.86	43	11019803	87.215 ppbv #	88
17) tert-Butyl alcohol	4.31	59	165626m	1.261 ppbv	
18) 1,1-Dichloroethene	4.29	96	237669	3.088 ppbv	94
19) Isopropyl Alcohol	3.98	45	327449	4.053 ppbv #	85
20) Methylene Chloride	4.34	84	2039941	29.408 ppbv	96
22) trans-1,2-Dichloroethene	4.88	96	1934444	25.294 ppbv	95
24) 1,1-Dichloroethane	5.01	63	154237m	0.981 ppbv	
26) Hexane	5.68	57	2100520	11.813 ppbv #	46
28) Methyl tert-Butyl Ether	5.05	73	158051	1.057 ppbv	91
29) Chloroform	5.75	83	3132615	11.814 ppbv	99
30) Cyclohexane	7.12	84	38352m	0.252 ppbv	
31) cis-1,2-Dichloroethene	5.55	61	25997528	160.253 ppbv #	72
32) 1,1,1-Trichloroethane	6.51	97	876179	3.362 ppbv	97
34) 2-Butanone	5.27	43	6767680m	41.842 ppbv	
35) Carbon Tetrachloride	7.02	117	14298m	0.054 ppbv	
36) Benzene	6.90	78	561824	1.581 ppbv #	92
38) Trichloroethene	7.88	130	126284903m	855.957 ppbv	
52) Tetrachloroethene	11.37	164	367593271m	2725.998 ppbv	
53) Toluene	9.84	91	1896530m	4.977 ppbv	
57) Chlorobenzene	12.42	112	70207	0.263 ppbv #	81
58) Ethyl Benzene	12.90	91	602211	1.472 ppbv	99
59) m/p-Xylene	13.14	91	1934630	5.320 ppbv	98
60) o-Xylene	13.83	91	692566	2.020 ppbv	98
61) Styrene	13.67	104	93757m	0.595 ppbv	
64) n-propylbenzene	15.64	120	37253m	0.299 ppbv	
72) 4-Ethyltoluene	15.91	105	239536m	0.610 ppbv	
73) 1,3,5-Trimethylbenzene	16.06	105	155361m	0.422 ppbv	
74) 1,2,4-Trimethylbenzene	16.81	105	537236	1.394 ppbv #	76

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

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