

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL111021\
 Data File : VL038010.D
 Acq On : 10 Nov 2021 15:30
 Operator : SY/AP
 Sample : M4598-03
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA L
 ClientSampleId :
 356-2

Manual Integrations
 APPROVED

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

Quant Time: Nov 11 04:49:04 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	1491935	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.17	114	4139607	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.07	117	3757821	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.40	95	2902180	10.62	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	106.20%

Target Compounds

	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.05	85	117569	0.559	ppbv	99
3) Chlorodifluoromethane	2.99	51	6300131m	22.684	ppbv	
4) Chloromethane	3.14	50	31316m	0.297	ppbv	
9) Propene	3.01	41	1811887	18.195	ppbv	89
10) Heptane	8.11	43	178424	0.770	ppbv	96
11) Trichlorofluoromethane	3.95	101	37093	0.177	ppbv	98
13) Ethanol	3.60	45	1506374	149.949	ppbv	89
15) Acetone	3.84	43	13047505	105.833	ppbv #	69
17) tert-Butyl alcohol	4.29	59	752449	5.870	ppbv	97
19) Isopropyl Alcohol	3.97	45	1072267	13.601	ppbv #	85
20) Methylene Chloride	4.34	84	216536	3.199	ppbv	94
22) trans-1,2-Dichloroethene	4.88	96	985142	13.202	ppbv	96
26) Hexane	5.68	57	423235	2.440	ppbv #	47
27) Carbon Disulfide	4.55	76	1857811	10.847	ppbv	98
29) Chloroform	5.75	83	106577	0.412	ppbv	97
31) cis-1,2-Dichloroethene	5.55	61	267904	1.693	ppbv	90
32) 1,1,1-Trichloroethane	6.51	97	28855m	0.113	ppbv	
34) 2-Butanone	5.23	43	9311992	60.706	ppbv	95
35) Carbon Tetrachloride	7.01	117	10227m	0.041	ppbv	
36) Benzene	6.89	78	348970	1.035	ppbv	93
38) Trichloroethene	7.83	130	2592551	18.529	ppbv	94
50) 4-Methyl-2-Pentanone	8.73	43	147346m	0.731	ppbv	
51) 2-Hexanone	10.12	43	864921	10.183	ppbv #	98
52) Tetrachloroethene	11.22	164	5567774	43.537	ppbv	96
53) Toluene	9.80	91	4605223	12.742	ppbv	100
58) Ethyl Benzene	12.70	91	1192205	2.594	ppbv	98
59) m/p-Xylene	12.95	91	3367420	8.244	ppbv	97
60) o-Xylene	13.68	91	1334687	3.466	ppbv	97
61) Styrene	13.51	104	118062m	0.668	ppbv	
62) Isopropylbenzene	14.65	105	71457m	0.131	ppbv	
64) n-propylbenzene	15.56	120	50799m	0.364	ppbv	
72) 4-Ethyltoluene	15.83	105	288582m	0.654	ppbv	
73) 1,3,5-Trimethylbenzene	15.98	105	302964m	0.733	ppbv	
74) 1,2,4-Trimethylbenzene	16.75	105	871215	2.013	ppbv #	72
79) Naphthalene	22.18	128	87868m	0.352	ppbv	

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

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