

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL121621\
 Data File : VL038203.D
 Acq On : 17 Dec 2021 00:18
 Operator : SY/AP
 Sample : M5119-02
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA L
 ClientSampleId :
 SG-1

Manual Integrations
 APPROVED

Reviewed By :Amit Patel 12/20/2021
 Supervised By :Mahesh Dadoda 12/20/2021

Quant Time: Dec 17 08:14:52 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL111821A
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument:
 QLast Update : Thu Nov 18 13:16:09 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.68	49	908610	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.19	114	2681465	10.00	ppbv	0.02
55) Chlorobenzene-d5	12.21	117	964446	10.00	ppbv	0.13

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.55	95	8308856	119.44	ppbv	0.14
Spiked Amount	10.000	Range	65 - 135	Recovery	= 1194.40%#	

Target Compounds

						Ovalue
3) Chlorodifluoromethane	3.00	51	136464	0.715	ppbv	97
4) Chloromethane	3.15	50	253372	3.901	ppbv	100
5) Vinyl Chloride	3.27	62	6635	0.104	ppbv	97
7) Chloroethane	3.56	64	2423	0.107	ppbv #	70
9) Propene	3.02	41	9741053	138.617	ppbv #	67
10) Heptane	8.17	43	28716820	165.343	ppbv #	81
11) Trichlorofluoromethane	3.96	101	61421	0.430	ppbv	94
13) Ethanol	3.61	45	144586	21.291	ppbv	91
15) Acetone	3.85	43	9374324	118.997	ppbv #	81
17) tert-Butyl alcohol	4.30	59	140802	1.473	ppbv	96
18) 1,1-Dichloroethene	4.30	96	9881	0.213	ppbv #	54
19) Isopropyl Alcohol	3.97	45	9056291	159.105	ppbv #	1
20) Methylene Chloride	4.36	84	267391	6.060	ppbv	98
22) trans-1,2-Dichloroethene	4.90	96	17169m	0.366	ppbv	
26) Hexane	5.70	57	556169	4.407	ppbv #	60
27) Carbon Disulfide	4.56	76	179084	1.584	ppbv	99
29) Chloroform	5.76	83	102584	0.552	ppbv	98
30) Cyclohexane	7.14	84	569784	4.973	ppbv #	1
31) cis-1,2-Dichloroethene	5.56	61	864182	7.199	ppbv	99
32) 1,1,1-Trichloroethane	6.52	97	39873	0.211	ppbv #	89
34) 2-Butanone	5.25	43	6165570	57.024	ppbv	98
36) Benzene	6.90	78	260150	0.973	ppbv #	78
38) Trichloroethene	7.85	130	4860158	48.170	ppbv	99
43) Methyl Methacrylate	8.02	69	63419m	0.693	ppbv	
52) Tetrachloroethene	11.43	164	28262227m	285.558	ppbv	
53) Toluene	9.84	91	3276758	10.647	ppbv	100
58) Ethyl Benzene	12.92	91	49938784	313.283	ppbv #	42
59) m/p-Xylene	13.25	91	52326289	389.951	ppbv #	58
60) o-Xylene	13.91	91	27140658m	218.033	ppbv	
62) Isopropylbenzene	14.79	105	1055099	5.971	ppbv	98
69) p-Isopropyltoluene	17.70	119	767775	4.525	ppbv	100
72) 4-Ethyltoluene	15.91	105	93720m	0.649	ppbv	
73) 1,3,5-Trimethylbenzene	16.07	105	69060	0.524	ppbv	99
74) 1,2,4-Trimethylbenzene	16.82	105	256102m	1.885	ppbv	
79) Naphthalene	22.22	128	14369m	0.201	ppbv	

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

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