

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL121621\
 Data File : VL038200.D
 Acq On : 16 Dec 2021 22:14
 Operator : SY/AP
 Sample : M5119-01
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA L
 ClientSampleId :
 SG-2

Manual Integrations
 APPROVED

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

Quant Time: Dec 17 07:57:13 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	1065095	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.19	114	2998775	10.00	ppbv	0.01
55) Chlorobenzene-d5	12.19	117	1091039	10.00	ppbv	0.12

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 14.50 95 6650966m 84.51 ppbv 0.09
 Spiked Amount 10.000 Range 65 - 135 Recovery = 845.10%#

Target Compounds

					Ovalue
3) Chlorodifluoromethane	2.99	51	40564m	0.181 ppbv	
4) Chloromethane	3.14	50	1066977	14.013 ppbv	97
5) Vinyl Chloride	3.26	62	267103	3.576 ppbv	94
7) Chloroethane	3.56	64	66767	2.519 ppbv	98
9) Propene	3.01	41	18884017	229.242 ppbv #	73
10) Heptane	8.17	43	25985439	127.635 ppbv #	81
11) Trichlorofluoromethane	3.97	101	36452m	0.218 ppbv	
13) Ethanol	3.60	45	322042	40.455 ppbv	91
15) Acetone	3.85	43	8042329	87.090 ppbv #	84
19) Isopropyl Alcohol	3.97	45	9442681	141.520 ppbv	100
20) Methylene Chloride	4.36	84	470563	9.097 ppbv	95
22) trans-1,2-Dichloroethene	4.91	96	7695m	0.140 ppbv	
26) Hexane	5.70	57	859687	5.811 ppbv #	72
27) Carbon Disulfide	4.57	76	150557	1.136 ppbv	98
28) Methyl tert-Butyl Ether	5.05	73	34079	0.271 ppbv #	1
29) Chloroform	5.76	83	6122604	28.083 ppbv	94
30) Cyclohexane	7.14	84	554271	4.127 ppbv #	1
32) 1,1,1-Trichloroethane	6.52	97	6727m	0.030 ppbv	
34) 2-Butanone	5.25	43	6433814	53.208 ppbv	98
35) Carbon Tetrachloride	7.03	117	8366m	0.040 ppbv	
36) Benzene	6.90	78	1528892	5.111 ppbv #	89
38) Trichloroethene	7.85	130	3825m	0.034 ppbv	
43) Methyl Methacrylate	8.02	69	615831	6.018 ppbv	93
52) Tetrachloroethene	11.40	164	25540m	0.231 ppbv	
53) Toluene	9.83	91	3443539	10.005 ppbv	99
58) Ethyl Benzene	12.87	91	39682035	220.055 ppbv #	40
59) m/p-Xylene	13.15	91	37608041	247.747 ppbv #	65
60) o-Xylene	13.85	91	16013256	113.715 ppbv	92
62) Isopropylbenzene	14.74	105	524158	2.622 ppbv	97
69) p-Isopropyltoluene	17.68	119	413480	2.154 ppbv	97
73) 1,3,5-Trimethylbenzene	16.04	105	45599m	0.306 ppbv	
74) 1,2,4-Trimethylbenzene	16.80	105	153085m	0.996 ppbv	
79) Naphthalene	22.21	128	15183m	0.188 ppbv	

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

