Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL041422\
Data File : VL038916.D
Acq On : 14 Apr 2022 13:12
Operator : SY/AP
Sample : VSTDCCC010
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Apr 15 09:08:31 2022
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL040522A
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument:
QLast Update : Wed Apr 06 06:12:53 2022
Response via : Initial Calibration

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Manual Integrations APPROVED
Reviewed By :Semsettin Yesilyurt 04/15/2022
Supervised By :Mahesh Dadoda 04/18/2022

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Bromochloromethane	5.68	49	1175044	10.00	ppbv		0.02
33) 1,4-Difluorobenzene	7.19	114	2770489	10.00	ppbv		0.02
55) Chlorobenzene-d5	12.10	117	2470657m	10.00	ppbv		0.02
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene	14.43	95	2185884	11.66	ppbv		0.02
Spiked Amount 10.000	Range 65 - 135		Recovery = 116.60%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	3.06	85	1574758	9.448	ppbv		98
3) Chlorodifluoromethane	3.00	51	1396386	9.737	ppbv	#	92
4) Chloromethane	3.15	50	668210	8.999	ppbv		98
5) Vinyl Chloride	3.27	62	676776	9.864	ppbv		98
6) Bromomethane	3.49	94	360278	10.853	ppbv		100
7) Chloroethane	3.57	64	228969	10.007	ppbv		96
8) Dichlorotetrafluoroethane	3.20	85	1640733	10.538	ppbv		94
9) Propene	3.02	41	582722	7.680	ppbv		99
10) Heptane	8.14	43	1481324	7.751	ppbv		96
11) Trichlorofluoromethane	3.97	101	1571264	11.732	ppbv		98
12) 1,1,2-Trichlorotrifluoroet	4.50	101	1057154	10.305	ppbv		94
13) Ethanol	3.62	45	40618m	8.809	ppbv		
14) Bromoethene	3.75	108	458543	10.163	ppbv		98
15) Acetone	3.86	43	1108311	9.474	ppbv		97
16) 1,3-Butadiene	3.34	39	604452	9.038	ppbv		94
17) tert-Butyl alcohol	4.30	59	813188	7.752	ppbv		100
18) 1,1-Dichloroethene	4.30	96	483818	10.346	ppbv		94
19) Isopropyl Alcohol	3.98	45	583210	9.754	ppbv	#	100
20) Methylene Chloride	4.36	84	393259	9.269	ppbv		95
21) Allyl Chloride	4.43	41	766850	8.755	ppbv		97
22) trans-1,2-Dichloroethene	4.90	96	499350	10.546	ppbv		92
23) Vinyl Acetate	5.09	43	1071006	9.401	ppbv		98
24) 1,1-Dichloroethane	5.02	63	996981	9.684	ppbv		99
25) Ethyl Acetate	5.69	43	2601726	8.765	ppbv		99
26) Hexane	5.70	57	1127776	8.347	ppbv		99
27) Carbon Disulfide	4.56	76	1229828	9.926	ppbv		98
28) Methyl tert-Butyl Ether	5.05	73	916435	8.782	ppbv		99
29) Chloroform	5.77	83	1905902	10.082	ppbv		98
30) Cyclohexane	7.15	84	929772	7.808	ppbv		98
31) cis-1,2-Dichloroethene	5.56	61	1198852	9.650	ppbv		91
32) 1,1,1-Trichloroethane	6.53	97	1950274	10.240	ppbv		97
34) 2-Butanone	5.26	43	1555405	14.208	ppbv		96
35) Carbon Tetrachloride	7.03	117	2000981	12.047	ppbv		97
36) Benzene	6.91	78	2275049	9.027	ppbv	#	96
37) 1,2-Dichloroethane	6.32	62	1596884	13.858	ppbv	#	93
38) Trichloroethene	7.85	130	941385	9.103	ppbv		91
39) 1,2-Dichloropropane	7.63	63	915213	9.494	ppbv	#	91
40) 1,4-Dioxane	7.85	88	331435	10.125	ppbv	#	4
41) Tetrahydrofuran	6.06	42	939046	9.032	ppbv		98
42) Bromodichloromethane	7.81	83	2190303	12.037	ppbv		97
43) Methyl Methacrylate	8.03	69	965418	10.001	ppbv		94

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,2,4-Trimethylpentane	7.88	57	3995341	9.363	ppbv		97
45) t-1,3-Dichloropropene	9.30	75	1158775	11.480	ppbv		100
46) cis-1,3-Dichloropropene	8.72	75	1402250	10.537	ppbv		93
47) 1,1,2-Trichloroethane	9.49	97	949918	9.617	ppbv		97
48) Dibromochloromethane	10.32	129	1714374	11.073	ppbv		99
49) Bromoform	13.06	173	1371252	11.183	ppbv		99
50) 4-Methyl-2-Pentanone	8.75	43	2493220	10.125	ppbv		99
51) 2-Hexanone	10.15	43	1986303	10.705	ppbv	#	95
52) Tetrachloroethene	11.24	164	785239	8.920	ppbv		97
53) Toluene	9.83	91	2669981	9.177	ppbv		98
54) 1,2-Dibromoethane	10.63	107	1410514	10.280	ppbv		98
56) 1,1,1,2-Tetrachloroethane	12.14	131	1166762	10.776	ppbv		92
57) Chlorobenzene	12.16	112	1922121	9.499	ppbv		94
58) Ethyl Benzene	12.73	91	3687990	9.990	ppbv		92
59) m/p-Xylene	13.01	91	6371359m	20.542	ppbv		
60) o-Xylene	13.71	91	2993438	10.314	ppbv		95
61) Styrene	13.54	104	1725918	9.761	ppbv		94
62) Isopropylbenzene	14.68	105	4331185	9.942	ppbv		96
63) 1,1,2,2-Tetrachloroethane	13.69	83	1888050	10.271	ppbv		98
64) n-propylbenzene	15.57	120	1086967	9.610	ppbv		78
65) tert-Butylbenzene	16.76	119	3802321	9.838	ppbv		90
66) Benzyl Chloride	17.00	91	737293	9.370	ppbv	#	93
67) sec-Butylbenzene	17.31	105	5496535	10.134	ppbv		97
69) p-Isopropyltoluene	17.67	119	4513871	10.136	ppbv		95
70) n-Butylbenzene	18.57	91	4974578	11.089	ppbv		97
71) 2-Chlorotoluene	15.47	91	3450943	10.535	ppbv		93
72) 4-Ethyltoluene	15.86	105	3549122	10.241	ppbv	#	96
73) 1,3,5-Trimethylbenzene	16.01	105	3272668	10.512	ppbv		94
74) 1,2,4-Trimethylbenzene	16.78	105	3468422	10.539	ppbv		95
75) 1,3-Dichlorobenzene	17.01	146	1956345	10.238	ppbv		98
76) 1,4-Dichlorobenzene	17.15	146	1890591	10.044	ppbv		99
77) 1,2-Dichlorobenzene	17.83	146	1908351	10.131	ppbv		99
78) Hexachloro-1,3-Butadiene	23.39	225	1387849	9.325	ppbv		98
79) Naphthalene	22.21	128	2750312	11.171	ppbv		98
80) Naphthalene,2-methyl-	24.98	142	688507	11.349	ppbv		96
81) 1,2,4-Trichlorobenzene	21.94	180	1541479	10.699	ppbv		99

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

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