Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051420\
Data File : BF120300.D
Acq On : 14 May 2020 19:38
Operator : MA/SJ
Sample : L2605-04MS
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 239997MS

Manual Integrations APPROVED
mohammad
5/18/2020 1:32:02 PM

Quant Time: May 15 03:43:16 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF051420.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 14 12:47:38 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.62	152	398436	20.00	ng		0.00
21) Naphthalene-d8	7.91	136	1574115	20.00	ng		0.00
39) Acenaphthene-d10	9.66	164	793989	20.00	ng		0.00
64) Phenanthrene-d10	11.15	188	1437031	20.00	ng		0.00
76) Chrysene-d12	13.79	240	771835	20.00	ng		0.00
87) Perylene-d12	15.17	264	760437	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.24	112	1915495	93.54	ng		0.01
7) Phenol-d6	6.29	99	2350097	90.75	ng		0.00
23) Nitrobenzene-d5	7.20	82	1502795	65.36	ng		0.00
42) 2,4,6-Tribromophenol	10.46	330	576390	89.03	ng		0.00
45) 2-Fluorobiphenyl	8.99	172	2700169	69.87	ng		0.00
79) Terphenyl-d14	12.73	244	2569456	73.55	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.29	88	364251	44.716	ng		99
3) Pyridine	2.96	79	838898	32.761	ng		99
4) n-Nitrosodimethylamine	2.92	42	419426	41.832	ng		98
6) Aniline	6.29	93	723620	21.850	ng	#	84
8) 2-Chlorophenol	6.42	128	994638	41.658	ng		95
9) Benzaldehyde	6.17	77	640279	40.108	ng		99
10) Phenol	6.30	94	1227749	40.614	ng	#	76
11) bis(2-Chloroethyl)ether	6.37	93	994164	41.171	ng		100
12) 1,3-Dichlorobenzene	6.56	146	977772	38.271	ng		98
13) 1,4-Dichlorobenzene	6.64	146	1014268	38.545	ng		99
14) 1,2-Dichlorobenzene	6.79	146	900456	38.000	ng		99
15) Benzyl Alcohol	6.78	79	754699	41.022	ng		98
16) 2,2'-oxybis(1-Chloropropan	6.91	45	1468078	38.578	ng		87
17) 2-Methylphenol	6.90	107	775449	38.472	ng		95
18) Hexachloroethane	7.13	117	375084	37.417	ng		98
19) n-Nitroso-di-n-propylamine	7.05	70	670967	39.549	ng		97
20) 3+4-Methylphenols	7.06	107	1017863	38.841	ng		96
22) Acetophenone	7.05	105	1341958	41.614	ng		99
24) Nitrobenzene	7.22	77	1006407	40.674	ng		100
25) Isophorone	7.46	82	1917376	40.081	ng		100
26) 2-Nitrophenol	7.53	139	550350	42.529	ng		99
27) 2,4-Dimethylphenol	7.58	122	841444	44.699	ng		95
28) bis(2-Chloroethoxy)methane	7.67	93	1245659	41.428	ng		99
29) 2,4-Dichlorophenol	7.78	162	798149	41.283	ng		98
30) 1,2,4-Trichlorobenzene	7.85	180	849214	39.637	ng		98
31) Naphthalene	7.93	128	2765405	41.626	ng		100
32) Benzoic acid	7.75	122	592637	48.030	ng		99
33) 4-Chloroaniline	7.99	127	327985	10.833	ng		99
34) Hexachlorobutadiene	8.05	225	471235	38.054	ng		97
35) Caprolactam	8.37	113	253166m	40.026	ng		
36) 4-Chloro-3-methylphenol	8.49	107	853947	40.830	ng		97
37) 2-Methylnaphthalene	8.62	142	1836326	40.392	ng		99
38) 1-Methylnaphthalene	8.72	142	1769936	40.140	ng		100
40) 1,2,4,5-Tetrachlorobenzene	8.79	216	810570	40.486	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.77	237	609514	74.316	ng		99
43) 2,4,6-Trichlorophenol	8.91	196	547597	40.747	ng		99
44) 2,4,5-Trichlorophenol	8.96	196	592711	38.404	ng		99
46) 1,1'-Biphenyl	9.09	154	2185016	42.001	ng		98
47) 2-Chloronaphthalene	9.12	162	1662188	39.832	ng		99
48) 2-Nitroaniline	9.22	65	595470	39.109	ng		96
49) Acenaphthylene	9.53	152	2567766	40.282	ng		100
50) Dimethylphthalate	9.40	163	2366541	47.150	ng		99
51) 2,6-Dinitrotoluene	9.46	165	436105	38.930	ng		98
52) Acenaphthene	9.70	154	1513481	39.610	ng		100
53) 3-Nitroaniline	9.63	138	246414	18.446	ng		100
54) 2,4-Dinitrophenol	9.75	184	351277	66.431	ng		96
55) Dibenzofuran	9.87	168	2170884	39.454	ng		98
56) 4-Nitrophenol	9.83	139	541134	75.388	ng		99
57) 2,4-Dinitrotoluene	9.87	165	507361	38.610	ng		98
58) Fluorene	10.22	166	1700744	40.586	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.00	232	460936	39.686	ng		98
60) Diethylphthalate	10.10	149	1923602	39.698	ng		99
61) 4-Chlorophenyl-phenylether	10.21	204	821226	37.693	ng		93
62) 4-Nitroaniline	10.25	138	374467	30.103	ng		98
63) Azobenzene	10.37	77	1861527	40.648	ng		98
65) 4,6-Dinitro-2-methylphenol	10.28	198	272762	37.532	ng		94
66) n-Nitrosodiphenylamine	10.33	169	1590173	39.998	ng		100
67) 4-Bromophenyl-phenylether	10.69	248	515250	36.950	ng		98
68) Hexachlorobenzene	10.76	284	545505	37.393	ng	#	93
69) Atrazine	10.86	200	434101	36.491	ng		99
70) Pentachlorophenol	10.96	266	504145	81.253	ng		99
71) Phenanthrene	11.17	178	2545086	42.148	ng		99
72) Anthracene	11.23	178	2563273	39.652	ng		100
73) Carbazole	11.39	167	2284313	37.820	ng		99
74) Di-n-butylphthalate	11.72	149	2990992	41.089	ng		100
75) Fluoranthene	12.36	202	2805782	43.352	ng		99
77) Benzidine	12.49	184	1046942	46.450	ng		97
78) Pyrene	12.59	202	2721761	49.465	ng		99
80) Butylbenzylphthalate	13.21	149	1146961	44.267	ng		98
81) Benzo(a)anthracene	13.77	228	1758760	43.203	ng		99
82) 3,3'-Dichlorobenzidine	13.74	252	499776	32.578	ng		98
83) Chrysene	13.82	228	1831491	41.897	ng		99
84) Bis(2-ethylhexyl)phthalate	13.77	149	1466335	45.487	ng		99
85) Di-n-octyl phthalate	14.39	149	2439476	42.065	ng		99
86) Indeno(1,2,3-cd)pyrene	16.51	276	1836033	46.277	ng		99
88) Benzo(b)fluoranthene	14.79	252	1799685	43.335	ng		98
89) Benzo(k)fluoranthene	14.82	252	1426786	39.655	ng		99
90) Benzo(a)pyrene	15.12	252	1536415	41.252	ng		100
91) Dibenzo(a,h)anthracene	16.52	278	1482597	44.934	ng		99
92) Benzo(g,h,i)perylene	16.91	276	1591009	47.818	ng		100

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

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