Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051420\
Data File : BF120307.D
Acq On : 14 May 2020 22:51
Operator : MA/SJ
Sample : L2501-07MSD
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EO-01-051320MSD

Manual Integrations APPROVED
mohammad
5/18/2020 1:32:20 PM

Quant Time: May 15 04:33:32 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	373604	20.00	ng		0.00
21) Naphthalene-d8	7.91	136	1455602	20.00	ng		0.00
39) Acenaphthene-d10	9.66	164	707725	20.00	ng		0.00
64) Phenanthrene-d10	11.15	188	1242331	20.00	ng		0.00
76) Chrysene-d12	13.79	240	701424	20.00	ng		0.00
87) Perylene-d12	15.17	264	657288	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.25	112	1917370	99.86	ng		0.02
7) Phenol-d6	6.28	99	2139706	88.12	ng		0.00
23) Nitrobenzene-d5	7.20	82	1641072	77.19	ng		0.00
42) 2,4,6-Tribromophenol	10.46	330	607411	105.26	ng		0.00
45) 2-Fluorobiphenyl	8.99	172	2900161	84.19	ng		0.00
79) Terphenyl-d14	12.73	244	2611396	82.25	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.36	88	299970	39.272	ng		96
3) Pyridine	3.02	79	560363	23.338	ng		100
4) n-Nitrosodimethylamine	2.94	42	331642	35.275	ng		96
6) Aniline	6.29	93	554871	17.868	ng	#	31
8) 2-Chlorophenol	6.42	128	847004	37.832	ng		97
9) Benzaldehyde	6.17	77	404440	27.019	ng		99
10) Phenol	6.29	94	859315	30.316	ng		87
11) bis(2-Chloroethyl)ether	6.37	93	826356	36.496	ng		99
12) 1,3-Dichlorobenzene	6.56	146	826619	34.505	ng		99
13) 1,4-Dichlorobenzene	6.64	146	864625	35.042	ng		99
14) 1,2-Dichlorobenzene	6.79	146	791495	35.622	ng		98
15) Benzyl Alcohol	6.78	79	658875	38.194	ng		98
16) 2,2'-oxybis(1-Chloropropan	6.91	45	1293528	36.251	ng		90
17) 2-Methylphenol	6.90	107	643544	34.050	ng		94
18) Hexachloroethane	7.13	117	307755	32.741	ng		99
19) n-Nitroso-di-n-propylamine	7.05	70	589434	37.053	ng		97
20) 3+4-Methylphenols	7.06	107	835791	34.013	ng		97
22) Acetophenone	7.05	105	1168668	39.191	ng	#	98
24) Nitrobenzene	7.22	77	876517	38.309	ng		100
25) Isophorone	7.46	82	1647171	37.236	ng		99
26) 2-Nitrophenol	7.53	139	464958	38.855	ng		99
27) 2,4-Dimethylphenol	7.58	122	724137	41.600	ng		95
28) bis(2-Chloroethoxy)methane	7.67	93	1068502	38.430	ng		99
29) 2,4-Dichlorophenol	7.78	162	684941	38.312	ng		98
30) 1,2,4-Trichlorobenzene	7.85	180	734527	37.076	ng		98
31) Naphthalene	7.93	128	2412576	39.272	ng		100
32) Benzoic acid	7.73	122	357567	31.338	ng		95
33) 4-Chloroaniline	7.99	127	372621	13.310	ng		99
34) Hexachlorobutadiene	8.05	225	404630	35.336	ng		97
35) Caprolactam	8.36	113	161040m	27.534	ng		
36) 4-Chloro-3-methylphenol	8.49	107	718634	37.158	ng		97
37) 2-Methylnaphthalene	8.62	142	1564432	37.213	ng		98
38) 1-Methylnaphthalene	8.72	142	1494703	36.658	ng		100
40) 1,2,4,5-Tetrachlorobenzene	8.79	216	706062	39.565	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.77	237	335829	48.468	ng	98
43) 2,4,6-Trichlorophenol	8.91	196	463622	38.704	ng	99
44) 2,4,5-Trichlorophenol	8.96	196	495786	36.040	ng	97
46) 1,1'-Biphenyl	9.09	154	1902051	41.018	ng	99
47) 2-Chloronaphthalene	9.12	162	1437787	38.654	ng	98
48) 2-Nitroaniline	9.22	65	514842	37.935	ng	98
49) Acenaphthylene	9.53	152	2188566	38.518	ng	100
50) Dimethylphthalate	9.40	163	1870786	41.816	ng	100
51) 2,6-Dinitrotoluene	9.46	165	366348	36.689	ng	93
52) Acenaphthene	9.70	154	1291265	37.914	ng	100
53) 3-Nitroaniline	9.63	138	203991	17.131	ng	99
54) 2,4-Dinitrophenol	9.75	184	252389	53.548	ng	91
55) Dibenzofuran	9.87	168	1899108	38.722	ng	99
56) 4-Nitrophenol	9.82	139	388318	60.692	ng	92
57) 2,4-Dinitrotoluene	9.87	165	440033	37.568	ng	98
58) Fluorene	10.22	166	1463389	39.179	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.00	232	391963	37.861	ng	99
60) Diethylphthalate	10.10	149	1630424	37.748	ng	99
61) 4-Chlorophenyl-phenylether	10.20	204	713448	36.738	ng	97
62) 4-Nitroaniline	10.25	138	358188	32.304	ng	98
63) Azobenzene	10.37	77	1593233	39.030	ng	97
65) 4,6-Dinitro-2-methylphenol	10.27	198	189276	30.126	ng	92
66) n-Nitrosodiphenylamine	10.33	169	1360420	39.581	ng	100
67) 4-Bromophenyl-phenylether	10.69	248	435326	36.111	ng	99
68) Hexachlorobenzene	10.76	284	464315	36.816	ng	98
69) Atrazine	10.86	200	348783	33.914	ng	99
70) Pentachlorophenol	10.96	266	410369	76.505	ng	99
71) Phenanthrene	11.17	178	2010249	38.508	ng	99
72) Anthracene	11.22	178	2176265	38.942	ng	100
73) Carbazole	11.38	167	1972178	37.769	ng	99
74) Di-n-butylphthalate	11.72	149	2426570	38.559	ng	99
75) Fluoranthene	12.36	202	2052862	36.689	ng	99
77) Benzidine	12.49	184	983938	48.037	ng	97
78) Pyrene	12.59	202	2025757	40.511	ng	99
80) Butylbenzylphthalate	13.21	149	891047	37.842	ng	97
81) Benzo(a)anthracene	13.77	228	1399736	37.835	ng	99
82) 3,3'-Dichlorobenzidine	13.74	252	399737	28.672	ng	97
83) Chrysene	13.81	228	1508272	37.967	ng	99
84) Bis(2-ethylhexyl)phthalate	13.77	149	1088719	37.163	ng	100
85) Di-n-octyl phthalate	14.38	149	1827724	34.680	ng	99
86) Indeno(1,2,3-cd)pyrene	16.51	276	1378795	38.241	ng	100
88) Benzo(b)fluoranthene	14.79	252	1278277	35.611	ng	98
89) Benzo(k)fluoranthene	14.82	252	1336415	42.972	ng	99
90) Benzo(a)pyrene	15.12	252	1200396	37.288	ng	99
91) Dibenzo(a,h)anthracene	16.52	278	1163686	40.803	ng	99
92) Benzo(g,h,i)perylene	16.90	276	1081487	37.605	ng	98

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

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