Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082720\
Data File : BF121449.D
Acq On : 27 Aug 2020 21:44
Operator : JU/CG
Sample : SSTDICV040
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : ICVBF082720

Quant Time: Aug 28 09:27:35 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF082720.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 28 09:25:49 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	337528	20.00	ng		0.00
21) Naphthalene-d8	8.15	136	1261831	20.00	ng		0.00
39) Acenaphthene-d10	9.90	164	642638	20.00	ng		0.00
64) Phenanthrene-d10	11.39	188	1226072	20.00	ng		0.00
76) Chrysene-d12	14.03	240	994860	20.00	ng		0.00
86) Perylene-d12	15.49	264	1033766	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.47	112	1539921	76.54	ng		0.00
7) Phenol-d6	6.49	99	2124501	75.57	ng		0.00
23) Nitrobenzene-d5	7.43	82	1680918	91.07	ng		0.00
42) 2,4,6-Tribromophenol	10.69	330	565625	87.14	ng		0.00
45) 2-Fluorobiphenyl	9.22	172	2956869	74.24	ng		0.00
79) Terphenyl-d14	12.97	244	3244864	68.66	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.64	88	354146	36.912	ng		100
3) Pyridine	3.39	79	987308	37.789	ng		98
4) n-Nitrosodimethylamine	3.35	42	436303	37.779	ng		95
6) Aniline	6.52	93	1263668	37.882	ng		99
8) 2-Chlorophenol	6.65	128	817141	40.020	ng		99
9) Benzaldehyde	6.41	77	568085	41.615	ng		99
10) Phenol	6.50	94	1105647	40.202	ng		98
11) bis(2-Chloroethyl)ether	6.60	93	814444	36.449	ng		99
12) 1,3-Dichlorobenzene	6.80	146	907504	36.914	ng		99
13) 1,4-Dichlorobenzene	6.88	146	914545	37.119	ng		100
14) 1,2-Dichlorobenzene	7.03	146	854140	37.232	ng		99
15) Benzyl Alcohol	7.00	79	721524	39.101	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.14	45	1224259	36.984	ng		99
17) 2-Methylphenol	7.11	107	670304	37.731	ng		98
18) Hexachloroethane	7.37	117	338347	40.127	ng		99
19) n-Nitroso-di-n-propylamine	7.28	70	581703	37.024	ng		99
20) 3+4-Methylphenols	7.26	107	825736	38.410	ng	#	82
22) Acetophenone	7.27	105	1111233	35.730	ng	#	98
24) Nitrobenzene	7.45	77	858182	46.386	ng		98
25) Isophorone	7.69	82	1493258	35.970	ng		99
26) 2-Nitrophenol	7.76	139	355331	46.674	ng		94
27) 2,4-Dimethylphenol	7.79	122	652246	37.881	ng		97
28) bis(2-Chloroethoxy)methane	7.89	93	1031706	36.547	ng		100
29) 2,4-Dichlorophenol	8.00	162	674099	39.651	ng		98
30) 1,2,4-Trichlorobenzene	8.09	180	756206	36.310	ng		99
31) Naphthalene	8.17	128	2263213	36.128	ng		100
32) Benzoic acid	7.92	122	476664	45.613	ng		99
33) 4-Chloroaniline	8.22	127	1000081	35.843	ng		99
34) Hexachlorobutadiene	8.29	225	448989	36.252	ng		99
35) Caprolactam	8.59	113	219953	39.668	ng		96
36) 4-Chloro-3-methylphenol	8.69	107	676874	37.762	ng		97
37) 2-Methylnaphthalene	8.86	142	1523418	36.704	ng		99
38) 1-Methylnaphthalene	8.96	142	1431109	36.516	ng		100
40) 1,2,4,5-Tetrachlorobenzene	9.02	216	694129	36.437	ng		100

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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.02	237	341840	42.672 ng		99
43) 2,4,6-Trichlorophenol	9.13	196	494804	41.095 ng		99
44) 2,4,5-Trichlorophenol	9.17	196	505724	42.475 ng		98
46) 1,1'-Biphenyl	9.32	154	1784990	36.809 ng		99
47) 2-Chloronaphthalene	9.35	162	1455943	36.527 ng		98
48) 2-Nitroaniline	9.44	65	466542	42.574 ng		99
49) Acenaphthylene	9.76	152	2234915	37.381 ng		99
50) Dimethylphthalate	9.63	163	1640602	37.165 ng		99
51) 2,6-Dinitrotoluene	9.68	165	348845	42.946 ng		93
52) Acenaphthene	9.93	154	1410615	37.365 ng		99
53) 3-Nitroaniline	9.85	138	433532	41.909 ng	#	94
54) 2,4-Dinitrophenol	9.95	184	116834	47.597 ng		90
55) Dibenzofuran	10.10	168	2006247	36.584 ng		98
56) 4-Nitrophenol	10.00	139	323908	42.127 ng		98
57) 2,4-Dinitrotoluene	10.09	165	436400	43.630 ng		90
58) Fluorene	10.45	166	1488913	36.016 ng		99
59) 2,3,4,6-Tetrachlorophenol	10.22	232	426387	43.014 ng		99
60) Diethylphthalate	10.32	149	1679808	37.876 ng		99
61) 4-Chlorophenyl-phenylether	10.44	204	744889	35.962 ng		100
62) 4-Nitroaniline	10.46	138	442823	41.708 ng		99
63) Azobenzene	10.60	77	1635768	37.297 ng		99
65) 4,6-Dinitro-2-methylphenol	10.49	198	160405	46.530 ng		86
66) n-Nitrosodiphenylamine	10.56	169	1392698	35.915 ng		99
67) 4-Bromophenyl-phenylether	10.93	248	488856	36.244 ng		100
68) Hexachlorobenzene	11.00	284	569918	36.134 ng		97
69) Atrazine	11.09	200	430595	38.288 ng		99
70) Pentachlorophenol	11.19	266	324332	45.011 ng		97
71) Phenanthrene	11.41	178	2265350	36.004 ng		100
72) Anthracene	11.46	178	2238243	36.168 ng		99
73) Carbazole	11.62	167	2181708	36.560 ng		99
74) Di-n-butylphthalate	11.95	149	2530961	38.178 ng		99
75) Fluoranthene	12.60	202	2487333	36.680 ng		100
77) Benzidine	12.72	184	786456	36.247 ng		100
78) Pyrene	12.83	202	2554822	35.958 ng		100
80) Butylbenzylphthalate	13.45	149	1138713	41.601 ng		98
81) Benzo(a)anthracene	14.02	228	2156015	35.501 ng		100
82) 3,3'-Dichlorobenzidine	13.98	252	856854	38.520 ng		100
83) Chrysene	14.06	228	2182456	35.920 ng		100
84) Bis(2-ethylhexyl)phthalate	14.01	149	1403626	39.703 ng		100
85) Di-n-octyl phthalate	14.62	149	2558931	42.711 ng		100
87) Indeno(1,2,3-cd)pyrene	16.96	276	2256249	35.472 ng		99
88) Benzo(b)fluoranthene	15.06	252	2416095	35.929 ng		99
89) Benzo(k)fluoranthene	15.10	252	2121754	33.922 ng		99
90) Benzo(a)pyrene	15.43	252	2106254	34.833 ng		99
91) Dibenzo(a,h)anthracene	16.98	278	1845454	35.444 ng		99
92) Benzo(g,h,i)perylene	17.40	276	1764437	35.179 ng		99

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

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