Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090820\
Data File : BF121524.D
Acq On : 8 Sep 2020 16:13
Operator : JU/CG
Sample : PB131478BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB131478BS

Manual Integrations APPROVED
Sohil
9/9/2020 3:49:25 PM

Quant Time: Sep 08 19:02:46 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF082720.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 02 17:52:18 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	299080	20.00	ng		0.00
21) Naphthalene-d8	8.13	136	1148057	20.00	ng		0.00
39) Acenaphthene-d10	9.88	164	586181	20.00	ng		0.00
64) Phenanthrene-d10	11.36	188	1124101	20.00	ng		0.00
76) Chrysene-d12	14.00	240	945335	20.00	ng		-0.01
86) Perylene-d12	15.46	264	948190	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.47	112	1627140	91.28	ng		0.00
7) Phenol-d6	6.47	99	2153741	86.45	ng		0.00
23) Nitrobenzene-d5	7.40	82	1353072	80.57	ng		-0.01
42) 2,4,6-Tribromophenol	10.67	330	676182	114.21	ng		0.00
45) 2-Fluorobiphenyl	9.20	172	2505679	68.97	ng		0.00
79) Terphenyl-d14	12.95	244	2665922	59.36	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.71	88	234284	27.558	ng		99
3) Pyridine	3.45	79	699432	30.212	ng		98
4) n-Nitrosodimethylamine	3.40	42	332122	32.455	ng		99
6) Aniline	6.50	93	928080	31.399	ng		99
8) 2-Chlorophenol	6.63	128	722804	39.951	ng		97
9) Benzaldehyde	6.39	77	413824	30.757	ng		99
10) Phenol	6.49	94	948630	38.927	ng		94
11) bis(2-Chloroethyl)ether	6.57	93	684551	34.574	ng		98
12) 1,3-Dichlorobenzene	6.78	146	731580	33.583	ng		99
13) 1,4-Dichlorobenzene	6.86	146	747761	34.252	ng		99
14) 1,2-Dichlorobenzene	7.01	146	719489	35.394	ng		98
15) Benzyl Alcohol	6.99	79	582113	35.601	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.12	45	918025	31.298	ng		99
17) 2-Methylphenol	7.09	107	584340	37.121	ng		99
18) Hexachloroethane	7.36	117	267183	35.760	ng		97
19) n-Nitroso-di-n-propylamine	7.26	70	483455	34.727	ng		97
20) 3+4-Methylphenols	7.25	107	732840	38.471	ng	#	84
22) Acetophenone	7.25	105	933959	33.006	ng	#	93
24) Nitrobenzene	7.42	77	736225	43.737	ng		97
25) Isophorone	7.66	82	1330574	35.227	ng		98
26) 2-Nitrophenol	7.74	139	353842	49.631	ng		99
27) 2,4-Dimethylphenol	7.77	122	671783	42.883	ng		100
28) bis(2-Chloroethoxy)methane	7.87	93	858173	33.412	ng		99
29) 2,4-Dichlorophenol	7.98	162	603861	39.040	ng		99
30) 1,2,4-Trichlorobenzene	8.07	180	634576	33.490	ng		98
31) Naphthalene	8.15	128	2010839	35.280	ng		100
32) Benzoic acid	7.90	122	419567	44.648	ng		97
33) 4-Chloroaniline	8.19	127	691815	27.252	ng		98
34) Hexachlorobutadiene	8.27	225	364248	32.325	ng		99
35) Caprolactam	8.56	113	191606m	37.980	ng		
36) 4-Chloro-3-methylphenol	8.67	107	635864	38.990	ng		99
37) 2-Methylnaphthalene	8.84	142	1377531	36.479	ng		98
38) 1-Methylnaphthalene	8.94	142	1279832	35.892	ng		99
40) 1,2,4,5-Tetrachlorobenzene	9.00	216	621282	35.755	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.99	237	716058	97.995	ng		99
43) 2,4,6-Trichlorophenol	9.12	196	443393	40.372	ng		100
44) 2,4,5-Trichlorophenol	9.15	196	471985	43.460	ng		99
46) 1,1'-Biphenyl	9.30	154	1636180	36.990	ng		100
47) 2-Chloronaphthalene	9.33	162	1264491	34.779	ng		98
48) 2-Nitroaniline	9.42	65	398966	40.329	ng		97
49) Acenaphthylene	9.75	152	2022672	37.089	ng		99
50) Dimethylphthalate	9.60	163	1469868	36.505	ng		99
51) 2,6-Dinitrotoluene	9.66	165	334871	44.859	ng		90
52) Acenaphthene	9.92	154	1396168	40.544	ng		99
53) 3-Nitroaniline	9.83	138	286082	31.827	ng		99
54) 2,4-Dinitrophenol	9.94	184	316917	85.398	ng		97
55) Dibenzofuran	10.09	168	1840716	36.798	ng		100
56) 4-Nitrophenol	9.99	139	601308	77.605	ng		99
57) 2,4-Dinitrotoluene	10.06	165	447277	48.124	ng		93
58) Fluorene	10.43	166	1431259	37.956	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.20	232	403178	44.590	ng		99
60) Diethylphthalate	10.30	149	1480747	36.604	ng		99
61) 4-Chlorophenyl-phenylether	10.42	204	688394	36.436	ng		99
62) 4-Nitroaniline	10.45	138	371424	38.718	ng		97
63) Azobenzene	10.58	77	1447573	36.185	ng		99
65) 4,6-Dinitro-2-methylphenol	10.47	198	214941	58.130	ng		88
66) n-Nitrosodiphenylamine	10.54	169	1317507	37.058	ng		99
67) 4-Bromophenyl-phenylether	10.91	248	439804	35.565	ng		97
68) Hexachlorobenzene	10.97	284	517512	35.788	ng		98
69) Atrazine	11.06	200	313937	30.447	ng		98
70) Pentachlorophenol	11.17	266	598830	90.644	ng		100
71) Phenanthrene	11.39	178	2082445	36.099	ng		99
72) Anthracene	11.44	178	2180464	38.431	ng		100
73) Carbazole	11.59	167	2064764	37.739	ng		100
74) Di-n-butylphthalate	11.93	149	2215419	36.450	ng		100
75) Fluoranthene	12.57	202	2358454	37.935	ng		98
77) Benzidine	12.70	184	1250081	60.633	ng		99
78) Pyrene	12.80	202	2422987	35.889	ng		100
80) Butylbenzylphthalate	13.42	149	996898	38.328	ng		95
81) Benzo(a)anthracene	13.99	228	2070425	35.878	ng		100
82) 3,3'-Dichlorobenzidine	13.95	252	668592	31.631	ng		99
83) Chrysene	14.03	228	2077137	35.977	ng		99
84) Bis(2-ethylhexyl)phthalate	13.98	149	1268408	37.758	ng	#	98
85) Di-n-octyl phthalate	14.60	149	2283998	40.119	ng		99
87) Indeno(1,2,3-cd)pyrene	16.91	276	2146177	36.787	ng		99
88) Benzo(b)fluoranthene	15.04	252	2259067	36.626	ng		100
89) Benzo(k)fluoranthene	15.07	252	2071545	36.109	ng		99
90) Benzo(a)pyrene	15.40	252	1971213	35.541	ng		99
91) Dibenzo(a,h)anthracene	16.93	278	1760108	36.856	ng		99
92) Benzo(g,h,i)perylene	17.35	276	1750485	38.051	ng		99

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

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