Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052519\
Data File : BF114610.D
Acq On : 25 May 2019 18:05
Operator : JU/SJ
Sample : PB119943BS
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB119943BS

Manual Integrations APPROVED
mohammad
5/27/2019 3:50:02 AM

Quant Time: May 27 00:45:46 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF051019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 24 07:23:33 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	171582	20.00	ng		-0.02
21) Naphthalene-d8	8.08	136	697478	20.00	ng		-0.02
39) Acenaphthene-d10	9.84	164	338611	20.00	ng		-0.01
64) Phenanthrene-d10	11.33	188	663028	20.00	ng		-0.01
76) Chrysene-d12	13.97	240	518353	20.00	ng		-0.02
87) Perylene-d12	15.43	264	275384	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.44	112	1290968	121.08	ng		0.00
7) Phenol-d6	6.46	99	1678321	133.09	ng		0.00
23) Nitrobenzene-d5	7.37	82	903479	72.70	ng		-0.01
42) 2,4,6-Tribromophenol	10.63	330	423969	121.11	ng		-0.01
45) 2-Fluorobiphenyl	9.16	172	1678180	74.97	ng		-0.01
79) Terphenyl-d14	12.91	244	1714825	68.20	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.60	88	207645	35.431	ng		100
3) Pyridine	3.36	79	401913	24.891	ng		96
4) n-Nitrosodimethylamine	3.30	42	260413	33.444	ng		99
6) Aniline	6.47	93	229598	12.604	ng	#	1
8) 2-Chlorophenol	6.60	128	515238	45.266	ng		91
10) Phenol	6.47	94	616795	41.578	ng		97
11) bis(2-Chloroethyl)ether	6.54	93	547357	48.601	ng		96
12) 1,3-Dichlorobenzene	6.74	146	501745	39.270	ng		98
13) 1,4-Dichlorobenzene	6.82	146	510322	39.637	ng		98
14) 1,2-Dichlorobenzene	6.97	146	479324	40.750	ng		99
15) Benzyl Alcohol	6.96	79	401795	40.852	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.07	45	856300	39.214	ng	#	36
17) 2-Methylphenol	7.07	107	405935	43.415	ng	#	86
18) Hexachloroethane	7.31	117	185540	38.392	ng		98
19) n-Nitroso-di-n-propylamine	7.22	70	348576	43.609	ng		96
20) 3+4-Methylphenols	7.23	107	549103	50.829	ng	#	59
22) Acetophenone	7.22	105	684386	44.293	ng	#	87
24) Nitrobenzene	7.39	77	532940	42.102	ng		98
25) Isophorone	7.63	82	972418	42.188	ng		100
26) 2-Nitrophenol	7.70	139	279292	45.477	ng		97
27) 2,4-Dimethylphenol	7.75	122	452540	46.917	ng		98
28) bis(2-Chloroethoxy)methane	7.83	93	627544	41.961	ng		99
29) 2,4-Dichlorophenol	7.96	162	440932	45.908	ng		99
30) 1,2,4-Trichlorobenzene	8.03	180	443832	40.638	ng		99
31) Naphthalene	8.10	128	1428240	43.838	ng		99
32) Benzoic acid	7.91	122	305812m	44.982	ng		
33) 4-Chloroaniline	8.17	127	270820	18.241	ng		94
34) Hexachlorobutadiene	8.22	225	244601	39.361	ng		98
35) Caprolactam	8.54	113	142748m	45.580	ng		
36) 4-Chloro-3-methylphenol	8.66	107	463872	47.981	ng		99
37) 2-Methylnaphthalene	8.80	142	979905	46.616	ng		98
38) 1-Methylnaphthalene	8.90	142	923454	46.650	ng		100
40) 1,2,4,5-Tetrachlorobenzene	8.97	216	443880	43.275	ng		99
41) Hexachlorocyclopentadiene	8.95	237	72563	18.688	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,6-Trichlorophenol	9.09	196	285425	40.456	ng		99
44) 2,4,5-Trichlorophenol	9.14	196	303437	41.937	ng		99
46) 1,1'-Biphenyl	9.26	154	1198754	43.822	ng		99
47) 2-Chloronaphthalene	9.29	162	908765	41.279	ng		99
48) 2-Nitroaniline	9.39	65	311336	39.876	ng		100
49) Acenaphthylene	9.70	152	1404639	41.950	ng		99
50) Dimethylphthalate	9.56	163	1049696	42.229	ng		100
51) 2,6-Dinitrotoluene	9.63	165	236332	42.866	ng		94
52) Acenaphthene	9.87	154	852998	41.514	ng		99
53) 3-Nitroaniline	9.80	138	162985	23.815	ng		97
54) 2,4-Dinitrophenol	9.93	184	227166	81.778	ng		93
55) Dibenzofuran	10.05	168	1218061	40.428	ng		100
56) 4-Nitrophenol	9.99	139	289550	59.825	ng		97
57) 2,4-Dinitrotoluene	10.05	165	287324	38.396	ng	#	78
58) Fluorene	10.39	166	1018948	43.784	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.17	232	266726	42.724	ng		97
60) Diethylphthalate	10.26	149	1049173	41.541	ng		99
61) 4-Chlorophenyl-phenylether	10.37	204	487340	42.636	ng		96
62) 4-Nitroaniline	10.43	138	239496	33.302	ng		97
63) Azobenzene	10.54	77	1004728	41.098	ng		99
65) 4,6-Dinitro-2-methylphenol	10.46	198	150588	47.267	ng		95
66) n-Nitrosodiphenylamine	10.50	169	901737	44.811	ng		98
67) 4-Bromophenyl-phenylether	10.86	248	308733	42.291	ng		97
68) Hexachlorobenzene	10.95	284	325255	40.274	ng		97
69) Atrazine	11.02	200	149469	23.868	ng		97
70) Pentachlorophenol	11.15	266	244380	63.834	ng		98
71) Phenanthrene	11.35	178	1430898	44.359	ng		99
72) Anthracene	11.40	178	1436872	44.349	ng		99
73) Carbazole	11.56	167	1373382	44.452	ng		99
74) Di-n-butylphthalate	11.88	149	1595879	44.835	ng		100
75) Fluoranthene	12.55	202	1518240	43.707	ng		99
77) Benzidine	12.66	184	134777	5.792	ng		95
78) Pyrene	12.77	202	1526258	36.602	ng		98
80) Butylbenzylphthalate	13.37	149	693415	39.508	ng		98
81) Benzo(a)anthracene	13.96	228	1274407	38.012	ng		100
82) 3,3'-Dichlorobenzidine	13.92	252	379566	29.184	ng		98
83) Chrysene	14.00	228	1251044	38.065	ng		99
84) Bis(2-ethylhexyl)phthalate	13.93	149	931691	40.588	ng		99
85) Di-n-octyl phthalate	14.54	149	1538077	41.333	ng		99
86) Indeno(1,2,3-cd)pyrene	16.90	276	1174155	40.424	ng		99
88) Benzo(b)fluoranthene	15.01	252	1325079	75.106	ng		99
89) Benzo(k)fluoranthene	15.04	252	1180932	72.867	ng		98
90) Benzo(a)pyrene	15.37	252	1184944	76.315	ng		99
91) Dibenzo(a,h)anthracene	16.90	278	1006197	77.986	ng		99
92) Benzo(g,h,i)perylene	17.33	276	1022929	79.113	ng		99

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

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