Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF042619\
Data File : BF114007.D
Acq On : 26 Apr 2019 13:58
Operator : JU/SJ
Sample : PB119131BS
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB119131BS

Manual Integrations APPROVED
Sohil
4/27/2019 2:36:41 AM

Quant Time: Apr 27 01:00:39 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF042219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 23 03:32:35 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	139324	20.00	ng		0.00
21) Naphthalene-d8	8.18	136	533685	20.00	ng		0.00
39) Acenaphthene-d10	9.93	164	294885	20.00	ng		0.00
64) Phenanthrene-d10	11.42	188	597024	20.00	ng		0.00
76) Chrysene-d12	14.06	240	444730	20.00	ng		0.00
87) Perylene-d12	15.56	264	405612	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.53	112	1014378	124.53	ng		0.02
7) Phenol-d6	6.53	99	1305944	127.78	ng		0.01
23) Nitrobenzene-d5	7.46	82	713670	82.57	ng		0.00
42) 2,4,6-Tribromophenol	10.73	330	467417	130.12	ng		0.00
45) 2-Fluorobiphenyl	9.25	172	1490524	79.06	ng		0.00
79) Terphenyl-d14	13.00	244	1804457	83.18	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.83	88	146729	38.212	ng		96
3) Pyridine	3.57	79	392243	37.423	ng		97
4) n-Nitrosodimethylamine	3.52	42	129988	36.230	ng		95
6) Aniline	6.56	93	408624	29.117	ng		99
8) 2-Chlorophenol	6.69	128	354650	38.134	ng		98
9) Benzaldehyde	6.45	77	278963	52.651	ng		95
10) Phenol	6.55	94	448220	36.677	ng		95
11) bis(2-Chloroethyl)ether	6.63	93	344526	37.464	ng		98
12) 1,3-Dichlorobenzene	6.84	146	405549	38.502	ng		98
13) 1,4-Dichlorobenzene	6.92	146	412990	38.982	ng		99
14) 1,2-Dichlorobenzene	7.07	146	383411	39.379	ng		98
15) Benzyl Alcohol	7.03	79	295567	42.941	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.17	45	386320	35.986	ng		93
17) 2-Methylphenol	7.15	107	315233	38.668	ng		98
18) Hexachloroethane	7.41	117	141682	38.150	ng		96
19) n-Nitroso-di-n-propylamine	7.31	70	250661	37.873	ng		98
20) 3+4-Methylphenols	7.30	107	374445	40.654	ng	#	82
22) Acetophenone	7.30	105	497404	41.882	ng		96
24) Nitrobenzene	7.47	77	387005	40.521	ng		98
25) Isophorone	7.72	82	700635	39.615	ng		100
26) 2-Nitrophenol	7.79	139	197354	45.295	ng		98
27) 2,4-Dimethylphenol	7.83	122	350061	49.312	ng		98
28) bis(2-Chloroethoxy)methane	7.92	93	441518	39.177	ng		99
29) 2,4-Dichlorophenol	8.03	162	334392	41.193	ng		99
30) 1,2,4-Trichlorobenzene	8.12	180	367321	40.582	ng		98
31) Naphthalene	8.20	128	1046365	41.272	ng		100
32) Benzoic acid	7.96	122	197658	41.230	ng		98
33) 4-Chloroaniline	8.24	127	262620	24.481	ng		98
34) Hexachlorobutadiene	8.32	225	218858	38.787	ng		99
35) Caprolactam	8.62	113	104396m	40.427	ng		
36) 4-Chloro-3-methylphenol	8.73	107	337479	41.962	ng		99
37) 2-Methylnaphthalene	8.89	142	726152	42.474	ng		98
38) 1-Methylnaphthalene	8.99	142	685849	41.564	ng		98
40) 1,2,4,5-Tetrachlorobenzene	9.06	216	365977	38.207	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.05	237	462663	86.616	ng		99
43) 2,4,6-Trichlorophenol	9.17	196	262388	43.138	ng		100
44) 2,4,5-Trichlorophenol	9.21	196	273321	40.062	ng		98
46) 1,1'-Biphenyl	9.36	154	903312	40.099	ng		98
47) 2-Chloronaphthalene	9.38	162	732511	39.986	ng		98
48) 2-Nitroaniline	9.47	65	207212	43.148	ng		94
49) Acenaphthylene	9.80	152	1136503	39.628	ng		98
50) Dimethylphthalate	9.66	163	866635	40.636	ng		99
51) 2,6-Dinitrotoluene	9.71	165	200757	43.878	ng		93
52) Acenaphthene	9.97	154	749978	44.249	ng		97
53) 3-Nitroaniline	9.88	138	128905	26.811	ng		92
54) 2,4-Dinitrophenol	9.99	184	179082	89.378	ng	#	1
55) Dibenzofuran	10.14	168	1037677	40.872	ng		98
56) 4-Nitrophenol	10.05	139	311348	81.788	ng		96
57) 2,4-Dinitrotoluene	10.12	165	268010	46.408	ng		96
58) Fluorene	10.49	166	789070	41.282	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.26	232	248829	41.503	ng		100
60) Diethylphthalate	10.35	149	830634	41.015	ng		99
61) 4-Chlorophenyl-phenylether	10.47	204	412330	40.733	ng		98
62) 4-Nitroaniline	10.50	138	194844	41.528	ng		97
63) Azobenzene	10.63	77	775910	39.530	ng		96
65) 4,6-Dinitro-2-methylphenol	10.53	198	114391	42.746	ng		96
66) n-Nitrosodiphenylamine	10.59	169	714706	39.897	ng		99
67) 4-Bromophenyl-phenylether	10.96	248	273984	37.988	ng		97
68) Hexachlorobenzene	11.03	284	300884	37.964	ng		97
69) Atrazine	11.12	200	243891	41.852	ng		99
70) Pentachlorophenol	11.23	266	331416	73.855	ng		98
71) Phenanthrene	11.45	178	1194650	39.817	ng		100
72) Anthracene	11.50	178	1253954	41.386	ng		99
73) Carbazole	11.65	167	1100700	40.720	ng		99
74) Di-n-butylphthalate	11.97	149	1291596	40.620	ng		100
75) Fluoranthene	12.63	202	1279320	39.081	ng		97
77) Benzidine	12.74	184	642608	48.495	ng		98
78) Pyrene	12.86	202	1291680	41.532	ng		99
80) Butylbenzylphthalate	13.47	149	541763	44.274	ng		97
81) Benzo(a)anthracene	14.05	228	1105347	42.185	ng		99
82) 3,3'-Dichlorobenzidine	14.01	252	315186	32.818	ng		98
83) Chrysene	14.09	228	1114392	43.669	ng		98
84) Bis(2-ethylhexyl)phthalate	14.04	149	713866	45.853	ng		99
85) Di-n-octyl phthalate	14.67	149	1182509	48.526	ng		98
86) Indeno(1,2,3-cd)pyrene	17.06	276	884604	36.596	ng		98
88) Benzo(b)fluoranthene	15.13	252	1028426	40.075	ng		99
89) Benzo(k)fluoranthene	15.16	252	992047	44.941	ng		99
90) Benzo(a)pyrene	15.50	252	932355	42.003	ng		100
91) Dibenzo(a,h)anthracene	17.07	278	743242	35.670	ng		99
92) Benzo(g,h,i)perylene	17.50	276	710675	33.797	ng		98

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

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