Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082718\
Data File : BF108498.D
Acq On : 27 Aug 2018 9:46
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
8/27/2018 5:09:46 PM

Quant Time: Aug 27 10:49:30 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF080818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 22 11:01:45 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.00	152	132958	20.00	ng		0.00
21) Naphthalene-d8	8.28	136	527142	20.00	ng		0.00
38) Acenaphthene-d10	10.05	164	270028	20.00	ng		0.00
63) Phenanthrene-d10	11.54	188	549090	20.00	ng		0.00
75) Chrysene-d12	14.20	240	432653	20.00	ng		0.00
86) Perylene-d12	15.75	264	337130	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.62	112	589754	80.31	ng		0.00
7) Phenol-d6	6.62	99	793537	81.31	ng		0.00
23) Nitrobenzene-d5	7.57	82	780663	82.64	ng		0.00
41) 2,4,6-Tribromophenol	10.84	330	244444	90.75	ng		0.00
44) 2-Fluorobiphenyl	9.36	172	1477733	87.86	ng		0.00
78) Terphenyl-d14	13.13	244	1513153	88.92	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.88	88	138148	36.610	ng		90
3) Pyridine	3.67	79	356034	36.626	ng		87
4) n-Nitrosodimethylamine	3.63	42	195182	35.684	ng		82
6) Aniline	6.67	93	536624	40.425	ng		96
8) 2-Chlorophenol	6.79	128	339845	41.088	ng		98
9) Benzaldehyde	6.56	77	283053	37.410	ng		99
10) Phenol	6.64	94	415406	41.151	ng		89
11) bis(2-Chloroethyl)ether	6.74	93	331814	40.658	ng		96
12) 1,3-Dichlorobenzene	6.94	146	392784	41.070	ng		98
13) 1,4-Dichlorobenzene	7.02	146	394394	41.045	ng		98
14) 1,2-Dichlorobenzene	7.17	146	369759	41.370	ng		98
15) Benzyl Alcohol	7.14	79	314538	38.285	ng		95
16) 2,2'-oxybis(1-Chloropropan	7.27	45	637760	37.934	ng		99
17) 2-Methylphenol	7.24	107	292422	41.227	ng		94
18) Hexachloroethane	7.51	117	141591	41.390	ng		91
19) n-Nitroso-di-n-propylamine	7.41	70	259029	39.250	ng		90
20) 3+4-Methylphenols	7.40	107	360741	39.687	ng	#	78
22) Acetophenone	7.41	105	490580	39.801	ng	#	96
24) Nitrobenzene	7.58	77	384879	40.290	ng		93
25) Isophorone	7.82	82	712877	39.591	ng		96
26) 2-Nitrophenol	7.90	139	159994	44.350	ng	#	92
27) 2,4-Dimethylphenol	7.92	122	319990	40.041	ng		97
28) bis(2-Chloroethoxy)methane	8.02	93	421089	40.060	ng		99
29) 2,4-Dichlorophenol	8.14	162	307967	41.876	ng		96
30) 1,2,4-Trichlorobenzene	8.22	180	330548	40.766	ng		95
31) Naphthalene	8.31	128	997017	41.589	ng		99
32) Benzoic acid	8.05	122	151079	34.498	ng		89
33) 4-Chloroaniline	8.35	127	422753	40.465	ng		98
34) Hexachlorobutadiene	8.41	225	215342	41.952	ng		98
35) Caprolactam	8.74	113	91995	39.917	ng		90
36) 4-Chloro-3-methylphenol	8.83	107	321846	40.567	ng		98
37) 2-Methylnaphthalene	9.00	142	698910	41.206	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.17	216	353150	42.588	ng		98
40) Hexachlorocyclopentadiene	9.15	237	220287	41.128	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.28	196	221102	42.968	ng		99
43) 2,4,5-Trichlorophenol	9.32	196	245689m	43.373	ng		
45) 1,1'-Biphenyl	9.46	154	850596	42.724	ng		98
46) 2-Chloronaphthalene	9.50	162	653519	41.532	ng		97
47) 2-Nitroaniline	9.59	65	220395	43.288	ng		89
48) Acenaphthylene	9.91	152	1047884	42.123	ng		99
49) Dimethylphthalate	9.76	163	784770	41.722	ng		99
50) 2,6-Dinitrotoluene	9.83	165	169778	43.142	ng		98
51) Acenaphthene	10.08	154	610435	40.063	ng		100
52) 3-Nitroaniline	10.00	138	179078	41.590	ng		93
53) 2,4-Dinitrophenol	10.11	184	57073	42.372	ng	#	22
54) Dibenzofuran	10.25	168	923794	41.848	ng		97
55) 4-Nitrophenol	10.15	139	121467	37.253	ng	#	80
56) 2,4-Dinitrotoluene	10.24	165	228844	45.176	ng	#	97
57) Fluorene	10.60	166	741603	42.438	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.37	232	201206	42.497	ng	#	86
59) Diethylphthalate	10.46	149	761135	41.788	ng		96
60) 4-Chlorophenyl-phenylether	10.58	204	379522	41.680	ng		95
61) 4-Nitroaniline	10.62	138	188401	44.257	ng		92
62) Azobenzene	10.75	77	778964	41.412	ng		93
64) 4,6-Dinitro-2-methylphenol	10.65	198	84856	41.926	ng		81
65) n-Nitrosodiphenylamine	10.71	169	666544	41.079	ng		97
66) 4-Bromophenyl-phenylether	11.08	248	249623	41.833	ng	#	87
67) Hexachlorobenzene	11.15	284	260373	41.471	ng	#	88
68) Atrazine	11.23	200	234651	43.116	ng		95
69) Pentachlorophenol	11.34	266	103371	34.399	ng		99
70) Phenanthrene	11.57	178	1086916	41.968	ng		99
71) Anthracene	11.62	178	1124861	42.377	ng		99
72) Carbazole	11.78	167	973750	41.289	ng		99
73) Di-n-butylphthalate	12.08	149	1194774	44.726	ng		99
74) Fluoranthene	12.77	202	1195660	42.302	ng		95
76) Benzidine	12.88	184	707857	43.790	ng		99
77) Pyrene	12.99	202	1189650	43.431	ng		99
79) Butylbenzylphthalate	13.59	149	498164	45.801	ng	#	97
80) Benzo(a)anthracene	14.19	228	1026241	41.331	ng		100
81) 3,3'-Dichlorobenzidine	14.14	252	359185	40.365	ng	#	98
82) Chrysene	14.22	228	948589	41.671	ng		100
83) Bis(2-ethylhexyl)phthalate	14.15	149	648792	44.048	ng		99
84) Di-n-octyl phthalate	14.77	149	1028767	45.798	ng		97
85) Indeno(1,2,3-cd)pyrene	17.37	276	752361	38.145	ng	#	90
87) Benzo(b)fluoranthene	15.28	252	854933	42.439	ng	#	95
88) Benzo(k)fluoranthene	15.32	252	761420	41.118	ng	#	96
89) Benzo(a)pyrene	15.68	252	753944	41.795	ng	#	96
90) Dibenzo(a,h)anthracene	17.38	278	628581	42.114	ng	#	93
91) Benzo(g,h,i)perylene	17.87	276	626307	42.614	ng	#	89

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

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