Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121218\
Data File : BF111315.D
Acq On : 12 Dec 2018 10:42
Operator : JU/SJ
Sample : SSTDICC025
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC025

Manual Integrations APPROVED
Sohil
12/13/2018 6:05:50 PM

Quant Time: Dec 12 11:58:51 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF121218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 12 11:40:11 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	350041	20.00	ng		0.00
21) Naphthalene-d8	8.07	136	1458788	20.00	ng		0.00
39) Acenaphthene-d10	9.83	164	674466	20.00	ng		0.00
64) Phenanthrene-d10	11.32	188	1144356	20.00	ng		0.00
76) Chrysene-d12	13.95	240	806611	20.00	ng		0.00
87) Perylene-d12	15.39	264	626810	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.40	112	1062482	47.93	ng		0.00
7) Phenol-d6	6.43	99	1446601	52.51	ng		0.00
23) Nitrobenzene-d5	7.36	82	1334233	51.30	ng		0.00
42) 2,4,6-Tribromophenol	10.62	330	316826	53.03	ng		0.00
45) 2-Fluorobiphenyl	9.16	172	2327944	54.45	ng		0.00
79) Terphenyl-d14	12.90	244	1856318	55.20	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.53	88	256292	22.533	ng		99
3) Pyridine	3.26	79	659530	21.827	ng		98
4) n-Nitrosodimethylamine	3.19	42	294252	22.840	ng		93
6) Aniline	6.45	93	894463	24.352	ng		99
8) 2-Chlorophenol	6.58	128	659774	26.184	ng		95
9) Benzaldehyde	6.34	77	456892	26.724	ng		99
10) Phenol	6.44	94	827173	25.679	ng		98
11) bis(2-Chloroethyl)ether	6.53	93	632225	25.378	ng		97
12) 1,3-Dichlorobenzene	6.73	146	712570	26.319	ng		98
13) 1,4-Dichlorobenzene	6.81	146	724119	26.488	ng		99
14) 1,2-Dichlorobenzene	6.96	146	677146	26.557	ng		98
15) Benzyl Alcohol	6.93	79	557235	25.560	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.07	45	1245344	26.700	ng		99
17) 2-Methylphenol	7.05	107	531830	25.852	ng		97
18) Hexachloroethane	7.31	117	269645	25.907	ng		96
19) n-Nitroso-di-n-propylamine	7.21	70	473142	25.638	ng		97
20) 3+4-Methylphenols	7.20	107	645213	26.369	ng		94
22) Acetophenone	7.20	105	869123	26.038	ng	#	94
24) Nitrobenzene	7.37	77	683956	25.267	ng		96
25) Isophorone	7.62	82	1108887	25.032	ng		99
26) 2-Nitrophenol	7.69	139	342212	25.445	ng		96
27) 2,4-Dimethylphenol	7.73	122	523089	25.170	ng		98
28) bis(2-Chloroethoxy)methane	7.83	93	774750	25.256	ng		99
29) 2,4-Dichlorophenol	7.93	162	539511	25.388	ng		98
30) 1,2,4-Trichlorobenzene	8.02	180	555457	26.536	ng		98
31) Naphthalene	8.10	128	1783848	28.018	ng		97
32) Benzoic acid	7.84	122	431254m	25.094	ng		
33) 4-Chloroaniline	8.15	127	768988	25.147	ng		97
34) Hexachlorobutadiene	8.22	225	307465	26.610	ng		98
35) Caprolactam	8.51	113	183986m	24.433	ng		
36) 4-Chloro-3-methylphenol	8.63	107	565825	26.006	ng		98
37) 2-Methylnaphthalene	8.79	142	1155926	27.346	ng		98
38) 1-Methylnaphthalene	8.89	142	1105203	26.699	ng		99
40) 1,2,4,5-Tetrachlorobenzene	8.96	216	500883	26.689	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.95	237	268607	25.132	ng		98
43) 2,4,6-Trichlorophenol	9.07	196	351698	24.966	ng		98
44) 2,4,5-Trichlorophenol	9.10	196	374410	25.514	ng		99
46) 1,1'-Biphenyl	9.26	154	1539495	27.153	ng		94
47) 2-Chloronaphthalene	9.27	162	1165602	26.412	ng		96
48) 2-Nitroaniline	9.37	65	374098	24.850	ng		94
49) Acenaphthylene	9.69	152	1693545	26.434	ng		96
50) Dimethylphthalate	9.55	163	1248602	25.090	ng		99
51) 2,6-Dinitrotoluene	9.61	165	282737	25.726	ng	#	88
52) Acenaphthene	9.86	154	1052122	26.169	ng		97
53) 3-Nitroaniline	9.78	138	339731	25.044	ng		92
54) 2,4-Dinitrophenol	9.88	184	96565	22.235	ng		100
55) Dibenzofuran	10.03	168	1533799	28.042	ng		97
56) 4-Nitrophenol	9.94	139	244533	23.145	ng		90
57) 2,4-Dinitrotoluene	10.01	165	363846	26.855	ng		92
58) Fluorene	10.38	166	1089822	25.748	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.16	232	291213	26.180	ng		99
60) Diethylphthalate	10.25	149	1297547	27.348	ng		97
61) 4-Chlorophenyl-phenylether	10.37	204	543863	25.879	ng		97
62) 4-Nitroaniline	10.39	138	320095	24.938	ng		98
63) Azobenzene	10.53	77	1278451	25.954	ng		98
65) 4,6-Dinitro-2-methylphenol	10.42	198	158554	25.678	ng		95
66) n-Nitrosodiphenylamine	10.49	169	1069027	27.443	ng		98
67) 4-Bromophenyl-phenylether	10.86	248	336486	26.846	ng		96
68) Hexachlorobenzene	10.93	284	342014	26.824	ng	#	92
69) Atrazine	11.02	200	310455	26.208	ng		97
70) Pentachlorophenol	11.12	266	236676	25.588	ng		96
71) Phenanthrene	11.34	178	1543191	26.736	ng		96
72) Anthracene	11.39	178	1597604	26.456	ng		95
73) Carbazole	11.54	167	1631397	25.836	ng		96
74) Di-n-butylphthalate	11.88	149	1893228	29.171	ng		97
75) Fluoranthene	12.53	202	1518600	28.801	ng		96
77) Benzidine	12.64	184	389511	16.263	ng		99
78) Pyrene	12.75	202	1562660	27.110	ng		96
80) Butylbenzylphthalate	13.37	149	748599	24.865	ng		99
81) Benzo(a)anthracene	13.94	228	1167563	25.946	ng		99
82) 3,3'-Dichlorobenzidine	13.90	252	462162	25.057	ng		98
83) Chrysene	13.98	228	1167168	25.159	ng		97
84) Bis(2-ethylhexyl)phthalate	13.94	149	923735	25.821	ng		98
85) Di-n-octyl phthalate	14.55	149	1553412	25.906	ng		98
86) Indeno(1,2,3-cd)pyrene	16.80	276	806938	21.548	ng		98
88) Benzo(b)fluoranthene	14.97	252	942408	27.187	ng		98
89) Benzo(k)fluoranthene	15.00	252	949033	29.120	ng		99
90) Benzo(a)pyrene	15.33	252	862998	27.035	ng		98
91) Dibenzo(a,h)anthracene	16.82	278	674224	26.891	ng		98
92) Benzo(g,h,i)perylene	17.22	276	667539	26.597	ng		96

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

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