Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061118\
Data File : BF106288.D
Acq On : 11 Jun 2018 12:13
Operator : JU/SJ
Sample : SSTDICC025
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC025

Manual Integrations APPROVED
Sohil
6/12/2018 12:57:59 PM

Quant Time: Jun 11 13:55:26 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 11 13:10:46 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	196659	20.00	ng		0.00
21) Naphthalene-d8	8.25	136	806094	20.00	ng		0.00
38) Acenaphthene-d10	10.01	164	384497	20.00	ng		0.00
63) Phenanthrene-d10	11.50	188	739189	20.00	ng		0.00
75) Chrysene-d12	14.15	240	679924	20.00	ng		0.00
86) Perylene-d12	15.69	264	536369	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.58	112	608446	46.53	ng		0.00
7) Phenol-d6	6.58	99	771901	49.68	ng		0.00
23) Nitrobenzene-d5	7.53	82	736916	53.21	ng		0.00
41) 2,4,6-Tribromophenol	10.80	330	193920	39.04	ng		0.00
44) 2-Fluorobiphenyl	9.32	172	1317483	49.39	ng		0.00
78) Terphenyl-d14	13.09	244	1434816	45.36	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.83	88	151757	25.618	ng		95
3) Pyridine	3.60	79	425290	27.667	ng		97
4) n-Nitrosodimethylamine	3.56	42	199938	26.570	ng		98
6) Aniline	6.63	93	544177	27.011	ng		98
8) 2-Chlorophenol	6.75	128	329068	23.695	ng		98
9) Benzaldehyde	6.52	77	305462	28.919	ng		98
10) Phenol	6.60	94	420425	23.718	ng		99
11) bis(2-Chloroethyl)ether	6.70	93	358574	27.526	ng		99
12) 1,3-Dichlorobenzene	6.91	146	386459	25.278	ng		99
13) 1,4-Dichlorobenzene	6.99	146	393721	25.220	ng		98
14) 1,2-Dichlorobenzene	7.14	146	373779	25.980	ng		97
15) Benzyl Alcohol	7.10	79	332423	27.576	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.24	45	511986	22.371	ng		99
17) 2-Methylphenol	7.21	107	291153	24.834	ng		98
18) Hexachloroethane	7.48	117	137908	24.449	ng		98
19) n-Nitroso-di-n-propylamine	7.37	70	283432	28.861	ng		97
20) 3+4-Methylphenols	7.36	107	381229	27.313	ng		94
22) Acetophenone	7.38	105	536504	28.970	ng	#	98
24) Nitrobenzene	7.55	77	397605	27.265	ng		91
25) Isophorone	7.78	82	680836	25.972	ng		96
26) 2-Nitrophenol	7.87	139	138917	18.880	ng		92
27) 2,4-Dimethylphenol	7.89	122	296319	24.517	ng		99
28) bis(2-Chloroethoxy)methane	8.00	93	455556	28.333	ng		98
29) 2,4-Dichlorophenol	8.10	162	281839	24.885	ng		97
30) 1,2,4-Trichlorobenzene	8.19	180	318825	26.614	ng		96
31) Naphthalene	8.28	128	977053	24.892	ng		98
32) Benzoic acid	7.98	122	166122m	18.502	ng		
33) 4-Chloroaniline	8.32	127	424908	26.074	ng		96
34) Hexachlorobutadiene	8.39	225	202498	31.378	ng		98
35) Caprolactam	8.68	113	91190	26.053	ng	#	77
36) 4-Chloro-3-methylphenol	8.79	107	314032	25.758	ng		99
37) 2-Methylnaphthalene	8.97	142	657123	24.893	ng		96
39) 1,2,4,5-Tetrachlorobenzene	9.13	216	335513	28.924	ng		98
40) Hexachlorocyclopentadiene	9.12	237	183936	23.430	ng		98

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061118.M
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.24	196	209080	26.507	ng		100
43) 2,4,5-Trichlorophenol	9.27	196	231114	27.115	ng		98
45) 1,1'-Biphenyl	9.43	154	813332	23.768	ng		99
46) 2-Chloronaphthalene	9.45	162	645223	25.175	ng		98
47) 2-Nitroaniline	9.55	65	204585	23.758	ng		86
48) Acenaphthylene	9.87	152	1003399	25.543	ng		98
49) Dimethylphthalate	9.72	163	724924	24.559	ng		98
50) 2,6-Dinitrotoluene	9.79	165	150689	23.188	ng		94
51) Acenaphthene	10.05	154	625267	24.043	ng		99
52) 3-Nitroaniline	9.96	138	177651	23.725	ng		96
53) 2,4-Dinitrophenol	10.06	184	43867	11.486	ng	#	25
54) Dibenzofuran	10.22	168	862038	24.676	ng		97
55) 4-Nitrophenol	10.10	139	136425	22.275	ng		96
56) 2,4-Dinitrotoluene	10.19	165	187989	22.236	ng		92
57) Fluorene	10.56	166	681852	25.793	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.33	232	178348	25.326	ng		89
59) Diethylphthalate	10.42	149	722783	24.545	ng		97
60) 4-Chlorophenyl-phenylether	10.55	204	356163	29.090	ng		94
61) 4-Nitroaniline	10.57	138	172734	23.073	ng		94
62) Azobenzene	10.71	77	766746	26.605	ng		95
64) 4,6-Dinitro-2-methylphenol	10.60	198	82795	18.680	ng		93
65) n-Nitrosodiphenylamine	10.67	169	678002	27.353	ng		95
66) 4-Bromophenyl-phenylether	11.04	248	224074	27.251	ng	#	87
67) Hexachlorobenzene	11.11	284	227672	24.224	ng	#	89
68) Atrazine	11.19	200	206470	26.206	ng		95
69) Pentachlorophenol	11.30	266	141171	24.895	ng		99
70) Phenanthrene	11.52	178	996586	23.923	ng		98
71) Anthracene	11.58	178	1014397	23.524	ng		97
72) Carbazole	11.73	167	919678	24.367	ng		99
73) Di-n-butylphthalate	12.05	149	1062580	22.800	ng		98
74) Fluoranthene	12.72	202	1084223	26.182	ng		96
76) Benzidine	12.84	184	606140	22.163	ng		99
77) Pyrene	12.95	202	1124686	21.435	ng		97
79) Butylbenzylphthalate	13.56	149	428405	18.534	ng		96
80) Benzo(a)anthracene	14.14	228	1074345	27.063	ng		98
81) 3,3'-Dichlorobenzidine	14.10	252	384060	25.141	ng	#	96
82) Chrysene	14.18	228	971976	24.849	ng		97
83) Bis(2-ethylhexyl)phthalate	14.12	149	635389	22.702	ng	#	98
84) Di-n-octyl phthalate	14.76	149	940452	20.458	ng		98
85) Indeno(1,2,3-cd)pyrene	17.25	276	715881	20.101	ng		93
87) Benzo(b)fluoranthene	15.24	252	868036	27.150	ng		96
88) Benzo(k)fluoranthene	15.27	252	876334	28.345	ng	#	97
89) Benzo(a)pyrene	15.63	252	767132	25.769	ng		97
90) Dibenzo(a,h)anthracene	17.27	278	609919	21.848	ng		96
91) Benzo(g,h,i)perylene	17.72	276	571629	21.304	ng		95

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

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