Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061818\
Data File : BF106552.D
Acq On : 18 Jun 2018 22:20
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
6/19/2018 5:59:57 PM

Quant Time: Jun 19 10:23:43 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 15 11:11:47 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	100617	20.00	ng		0.00
21) Naphthalene-d8	8.25	136	388961	20.00	ng		0.00
38) Acenaphthene-d10	10.01	164	160317	20.00	ng		0.00
63) Phenanthrene-d10	11.50	188	265294	20.00	ng		0.00
75) Chrysene-d12	14.15	240	291230	20.00	ng		0.00
86) Perylene-d12	15.68	264	265358	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.61	112	483928	81.40	ng		0.00
7) Phenol-d6	6.61	99	565990	75.36	ng		0.00
23) Nitrobenzene-d5	7.53	82	552885	83.62	ng		0.00
41) 2,4,6-Tribromophenol	10.80	330	123382	79.99	ng		0.00
44) 2-Fluorobiphenyl	9.32	172	897913	108.08	ng		0.00
78) Terphenyl-d14	13.08	244	836658	71.36	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.78	88	123657	40.192	ng		99
3) Pyridine	3.57	79	329315	38.409	ng		98
4) n-Nitrosodimethylamine	3.54	42	142480	36.275	ng		92
6) Aniline	6.63	93	389833	35.544	ng	#	78
8) 2-Chlorophenol	6.76	128	255173	39.914	ng		97
9) Benzaldehyde	6.52	77	212548	37.309	ng		96
10) Phenol	6.62	94	326136	39.775	ng	#	68
11) bis(2-Chloroethyl)ether	6.70	93	269461	38.389	ng		98
12) 1,3-Dichlorobenzene	6.91	146	296644	39.425	ng		97
13) 1,4-Dichlorobenzene	6.98	146	304337	39.858	ng		99
14) 1,2-Dichlorobenzene	7.14	146	279228	38.847	ng		100
15) Benzyl Alcohol	7.11	79	237800	36.970	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.24	45	357515m	35.532	ng		
17) 2-Methylphenol	7.22	107	212451	37.247	ng		96
18) Hexachloroethane	7.48	117	98363	36.154	ng		96
19) n-Nitroso-di-n-propylamine	7.37	70	187251	33.231	ng		95
20) 3+4-Methylphenols	7.38	107	249715	34.235	ng	#	62
22) Acetophenone	7.37	105	356074	36.326	ng	#	93
24) Nitrobenzene	7.55	77	289194	40.242	ng		94
25) Isophorone	7.78	82	472611	36.596	ng		97
26) 2-Nitrophenol	7.87	139	128327	46.006	ng		99
27) 2,4-Dimethylphenol	7.90	122	204938	37.485	ng		99
28) bis(2-Chloroethoxy)methane	7.99	93	322207	38.478	ng		99
29) 2,4-Dichlorophenol	8.11	162	210006	39.816	ng		98
30) 1,2,4-Trichlorobenzene	8.19	180	233544	39.490	ng		97
31) Naphthalene	8.27	128	699623	39.789	ng		99
32) Benzoic acid	8.01	122	93368	26.927	ng		95
33) 4-Chloroaniline	8.32	127	289668	37.174	ng		97
34) Hexachlorobutadiene	8.38	225	152729	40.198	ng		99
35) Caprolactam	8.69	113	63787	35.754	ng		96
36) 4-Chloro-3-methylphenol	8.81	107	208513	35.739	ng		99
37) 2-Methylnaphthalene	8.97	142	449492	37.533	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.12	216	228523	43.910	ng	#	96
40) Hexachlorocyclopentadiene	9.11	237	33660	11.723	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	143133	43.157	ng		100
43) 2,4,5-Trichlorophenol	9.30	196	148127	41.429	ng	#	92
45) 1,1'-Biphenyl	9.42	154	543653	43.782	ng		99
46) 2-Chloronaphthalene	9.45	162	413305	41.592	ng		97
47) 2-Nitroaniline	9.55	65	140962	45.093	ng		86
48) Acenaphthylene	9.87	152	634377	41.708	ng		99
49) Dimethylphthalate	9.72	163	499843	43.640	ng		99
50) 2,6-Dinitrotoluene	9.79	165	99709	42.618	ng		98
51) Acenaphthene	10.04	154	372160	37.887	ng		99
52) 3-Nitroaniline	9.96	138	112523	40.522	ng		95
53) 2,4-Dinitrophenol	10.07	184	6028	13.621	ng	#	23
54) Dibenzofuran	10.21	168	532669	40.271	ng		98
55) 4-Nitrophenol	10.14	139	66491	31.239	ng		99
56) 2,4-Dinitrotoluene	10.19	165	123027	41.874	ng		96
57) Fluorene	10.56	166	402228	38.381	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.33	232	104931	37.028	ng	#	84
59) Diethylphthalate	10.42	149	465004	40.903	ng		96
60) 4-Chlorophenyl-phenylether	10.55	204	216816	39.335	ng	#	88
61) 4-Nitroaniline	10.58	138	102086	37.786	ng		96
62) Azobenzene	10.71	77	426323	35.964	ng		96
64) 4,6-Dinitro-2-methylphenol	10.60	198	20445	18.707	ng		79
65) n-Nitrosodiphenylamine	10.67	169	396357	44.454	ng		94
66) 4-Bromophenyl-phenylether	11.04	248	133268	44.166	ng	#	87
67) Hexachlorobenzene	11.11	284	132543	42.607	ng	#	84
68) Atrazine	11.19	200	117021	42.589	ng		95
69) Pentachlorophenol	11.30	266	64060	33.448	ng		98
70) Phenanthrene	11.52	178	531749	40.928	ng		99
71) Anthracene	11.58	178	538227	41.351	ng		99
72) Carbazole	11.73	167	482013	40.112	ng		99
73) Di-n-butylphthalate	12.05	149	603362	45.115	ng		100
74) Fluoranthene	12.72	202	599873	43.294	ng		97
76) Benzidine	12.84	184	304910	31.458	ng		99
77) Pyrene	12.95	202	636132	34.889	ng		100
79) Butylbenzylphthalate	13.55	149	268112	39.284	ng	#	95
80) Benzo(a)anthracene	14.14	228	675758	38.991	ng		99
81) 3,3'-Dichlorobenzidine	14.10	252	247264	42.286	ng	#	97
82) Chrysene	14.18	228	618579	39.093	ng		100
83) Bis(2-ethylhexyl)phthalate	14.11	149	374523	38.272	ng		99
84) Di-n-octyl phthalate	14.74	149	685435	48.586	ng		99
85) Indeno(1,2,3-cd)pyrene	17.25	276	493165	39.053	ng	#	92
87) Benzo(b)fluoranthene	15.23	252	634366	39.548	ng		97
88) Benzo(k)fluoranthene	15.26	252	637697	40.142	ng	#	96
89) Benzo(a)pyrene	15.62	252	566500	39.264	ng		97
90) Dibenzo(a,h)anthracene	17.27	278	426935	35.494	ng	#	94
91) Benzo(g,h,i)perylene	17.73	276	390378	33.395	ng	#	91

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

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