Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092518\
Data File : BF109308.D
Acq On : 26 Sep 2018 1:40
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
9/26/2018 3:43:03 PM

Quant Time: Sep 26 08:05:09 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF092218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Sep 22 13:32:18 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.71	152	113408	20.00	ng		0.00
21) Naphthalene-d8	7.99	136	435577	20.00	ng		0.00
38) Acenaphthene-d10	9.74	164	185290	20.00	ng		0.00
63) Phenanthrene-d10	11.22	188	299487	20.00	ng		0.00
75) Chrysene-d12	13.84	240	240712	20.00	ng		0.00
86) Perylene-d12	15.24	264	189149	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.32	112	564014	81.91	ng		0.00
7) Phenol-d6	6.35	99	705860	80.34	ng		0.00
23) Nitrobenzene-d5	7.27	82	627793	85.08	ng		0.00
41) 2,4,6-Tribromophenol	10.53	330	133822	73.26	ng		0.00
44) 2-Fluorobiphenyl	9.07	172	1068956	87.01	ng		0.00
78) Terphenyl-d14	12.80	244	762615	77.75	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.36	88	126974	40.041	ng		93
3) Pyridine	3.06	79	358512	43.927	ng		90
4) n-Nitrosodimethylamine	2.99	42	137101	39.472	ng	#	99
6) Aniline	6.37	93	437504	38.921	ng	#	71
8) 2-Chlorophenol	6.50	128	309626	40.438	ng		93
9) Benzaldehyde	6.25	77	222472	39.416	ng		97
10) Phenol	6.36	94	387366	38.932	ng		74
11) bis(2-Chloroethyl)ether	6.45	93	303097	38.930	ng		92
12) 1,3-Dichlorobenzene	6.65	146	350635	39.774	ng		98
13) 1,4-Dichlorobenzene	6.73	146	353180	39.766	ng		99
14) 1,2-Dichlorobenzene	6.88	146	321444	39.234	ng		99
15) Benzyl Alcohol	6.86	79	268249	39.887	ng		99
16) 2,2'-oxybis(1-Chloropropan	6.99	45	413077	37.404	ng		94
17) 2-Methylphenol	6.97	107	241467	38.975	ng		96
18) Hexachloroethane	7.22	117	106481	34.030	ng		97
19) n-Nitroso-di-n-propylamine	7.13	70	217915	37.852	ng		95
20) 3+4-Methylphenols	7.13	107	291367	38.953	ng	#	77
22) Acetophenone	7.12	105	391514	38.878	ng	#	93
24) Nitrobenzene	7.29	77	322694	41.131	ng		97
25) Isophorone	7.53	82	511265	38.478	ng		98
26) 2-Nitrophenol	7.61	139	135922	43.808	ng		99
27) 2,4-Dimethylphenol	7.65	122	235225	40.629	ng		99
28) bis(2-Chloroethoxy)methane	7.75	93	343952	39.105	ng		99
29) 2,4-Dichlorophenol	7.85	162	244331	40.167	ng		100
30) 1,2,4-Trichlorobenzene	7.94	180	265749	39.098	ng		96
31) Naphthalene	8.02	128	791108	38.867	ng		99
32) Benzoic acid	7.76	122	128085m	34.743	ng		
33) 4-Chloroaniline	8.06	127	354443	39.861	ng		98
34) Hexachlorobutadiene	8.14	225	162347	39.620	ng		99
35) Caprolactam	8.43	113	76401	39.340	ng		90
36) 4-Chloro-3-methylphenol	8.55	107	246914	38.575	ng		97
37) 2-Methylnaphthalene	8.70	142	498213	37.969	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.87	216	260600	44.193	ng	#	97
40) Hexachlorocyclopentadiene	8.86	237	11432	4.445	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.99	196	161604	42.700	ng		100
43) 2,4,5-Trichlorophenol	9.03	196	158201m	39.579	ng		
45) 1,1'-Biphenyl	9.17	154	640392	42.419	ng		98
46) 2-Chloronaphthalene	9.19	162	496483	41.166	ng		98
47) 2-Nitroaniline	9.29	65	153073	44.766	ng		97
48) Acenaphthylene	9.60	152	715297	39.314	ng		99
49) Dimethylphthalate	9.47	163	563605	41.820	ng		100
50) 2,6-Dinitrotoluene	9.53	165	114221	42.794	ng		99
51) Acenaphthene	9.77	154	420480	38.225	ng		98
52) 3-Nitroaniline	9.69	138	138148	44.693	ng		97
53) 2,4-Dinitrophenol	9.80	184	2091	10.476	ng	#	23
54) Dibenzofuran	9.95	168	629253	38.465	ng		99
55) 4-Nitrophenol	9.85	139	76876	33.015	ng		93
56) 2,4-Dinitrotoluene	9.93	165	135003	39.975	ng	#	98
57) Fluorene	10.29	166	424104	36.334	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.07	232	112792	35.639	ng		90
59) Diethylphthalate	10.16	149	537749	39.404	ng		98
60) 4-Chlorophenyl-phenylether	10.28	204	235382	38.609	ng		95
61) 4-Nitroaniline	10.30	138	125326	41.575	ng		97
62) Azobenzene	10.44	77	499617	35.236	ng		96
64) 4,6-Dinitro-2-methylphenol	10.34	198	6420	11.148	ng		84
65) n-Nitrosodiphenylamine	10.40	169	441646	44.634	ng		96
66) 4-Bromophenyl-phenylether	10.77	248	145565	43.770	ng	#	85
67) Hexachlorobenzene	10.84	284	147903	41.874	ng	#	91
68) Atrazine	10.93	200	127990	42.058	ng		96
69) Pentachlorophenol	11.03	266	79108	37.421	ng		98
70) Phenanthrene	11.25	178	602420	40.287	ng		99
71) Anthracene	11.29	178	603841	39.814	ng		99
72) Carbazole	11.45	167	589491	39.065	ng		99
73) Di-n-butylphthalate	11.79	149	712166	40.995	ng		99
74) Fluoranthene	12.43	202	629021	39.363	ng		96
76) Benzidine	12.55	184	458517	52.832	ng		99
77) Pyrene	12.65	202	657626	38.120	ng		100
79) Butylbenzylphthalate	13.27	149	299329	40.783	ng		98
80) Benzo(a)anthracene	13.83	228	546187	37.671	ng		99
81) 3,3'-Dichlorobenzidine	13.80	252	238213	43.232	ng		98
82) Chrysene	13.87	228	551791	38.397	ng		99
83) Bis(2-ethylhexyl)phthalate	13.84	149	378189	40.858	ng		99
84) Di-n-octyl phthalate	14.44	149	688247	43.487	ng		98
85) Indeno(1,2,3-cd)pyrene	16.60	276	376689	32.339	ng	#	93
87) Benzo(b)fluoranthene	14.85	252	432364	41.599	ng		97
88) Benzo(k)fluoranthene	14.87	252	416049	42.184	ng		97
89) Benzo(a)pyrene	15.19	252	373798	39.912	ng		98
90) Dibenzo(a,h)anthracene	16.61	278	317161	41.279	ng	#	95
91) Benzo(g,h,i)perylene	17.00	276	312170	41.340	ng	#	93

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

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