Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091018\
Data File : BF108914.D
Acq On : 11 Sep 2018 1:12
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
9/11/2018 9:34:30 AM

Quant Time: Sep 11 04:13:15 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF090518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 05 18:03:31 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	155172	20.00	ng		0.00
21) Naphthalene-d8	8.02	136	562295	20.00	ng		0.00
38) Acenaphthene-d10	9.77	164	227888	20.00	ng		0.00
63) Phenanthrene-d10	11.25	188	379658	20.00	ng		0.00
75) Chrysene-d12	13.88	240	358941	20.00	ng		0.01
86) Perylene-d12	15.28	264	290994	20.00	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.35	112	764651	81.64	ng		0.01
7) Phenol-d6	6.38	99	955894	79.32	ng		0.01
23) Nitrobenzene-d5	7.30	82	828688	92.23	ng		0.00
41) 2,4,6-Tribromophenol	10.55	330	169779	78.04	ng		0.00
44) 2-Fluorobiphenyl	9.10	172	1312279	98.24	ng		0.00
78) Terphenyl-d14	12.83	244	1030442	66.94	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.40	88	185606	41.233	ng		93
3) Pyridine	3.11	79	515107	41.784	ng		90
4) n-Nitrosodimethylamine	3.04	42	184655	38.999	ng	#	92
6) Aniline	6.40	93	609651	37.612	ng		97
8) 2-Chlorophenol	6.52	128	418652	40.381	ng		97
9) Benzaldehyde	6.28	77	331371	38.758	ng		99
10) Phenol	6.39	94	528919	38.318	ng		86
11) bis(2-Chloroethyl)ether	6.48	93	426731	38.592	ng		96
12) 1,3-Dichlorobenzene	6.68	146	471800	39.878	ng		99
13) 1,4-Dichlorobenzene	6.76	146	475637	40.201	ng		98
14) 1,2-Dichlorobenzene	6.91	146	430498	39.476	ng		98
15) Benzyl Alcohol	6.88	79	355393	38.426	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.02	45	613481	37.115	ng		97
17) 2-Methylphenol	7.00	107	327721	37.404	ng		97
18) Hexachloroethane	7.25	117	128184	30.047	ng		96
19) n-Nitroso-di-n-propylamine	7.16	70	294132	35.112	ng		96
20) 3+4-Methylphenols	7.15	107	385566	37.567	ng	#	66
22) Acetophenone	7.15	105	510992	40.042	ng	#	92
24) Nitrobenzene	7.32	77	429335	44.534	ng		97
25) Isophorone	7.56	82	670942	37.436	ng		98
26) 2-Nitrophenol	7.64	139	152895	40.255	ng		99
27) 2,4-Dimethylphenol	7.68	122	310880	40.307	ng		99
28) bis(2-Chloroethoxy)methane	7.77	93	476321	39.751	ng		99
29) 2,4-Dichlorophenol	7.88	162	310391	39.028	ng		98
30) 1,2,4-Trichlorobenzene	7.97	180	345252	40.057	ng		97
31) Naphthalene	8.04	128	1029243	40.685	ng		99
32) Benzoic acid	7.77	122	139793m	30.657	ng		
33) 4-Chloroaniline	8.09	127	455365	39.193	ng		99
34) Hexachlorobutadiene	8.17	225	215544	41.862	ng		99
35) Caprolactam	8.45	113	93783	34.800	ng	#	83
36) 4-Chloro-3-methylphenol	8.57	107	301799	35.622	ng		99
37) 2-Methylnaphthalene	8.74	142	621558	37.190	ng		100
39) 1,2,4,5-Tetrachlorobenzene	8.90	216	320931	47.111	ng		98
40) Hexachlorocyclopentadiene	8.90	237	14346	4.186	ng		91

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.01	196	196176	42.279	ng		99
43) 2,4,5-Trichlorophenol	9.05	196	195472	40.641	ng		98
45) 1,1'-Biphenyl	9.20	154	790569	45.061	ng		99
46) 2-Chloronaphthalene	9.22	162	606062	42.714	ng		99
47) 2-Nitroaniline	9.31	65	192845	49.751	ng		92
48) Acenaphthylene	9.63	152	863421	40.824	ng		100
49) Dimethylphthalate	9.50	163	692541	43.449	ng		99
50) 2,6-Dinitrotoluene	9.55	165	131943	43.442	ng		96
51) Acenaphthene	9.81	154	504998	38.585	ng		98
52) 3-Nitroaniline	9.72	138	177404	49.069	ng		98
53) 2,4-Dinitrophenol	9.82	184	2144	10.997	ng	#	23
54) Dibenzofuran	9.98	168	753149	39.477	ng		98
55) 4-Nitrophenol	9.88	139	105151	38.904	ng		93
56) 2,4-Dinitrotoluene	9.95	165	146530	37.725	ng	#	97
57) Fluorene	10.32	166	502970	41.082	ng		97
58) 2,3,4,6-Tetrachlorophenol	10.10	232	144240	37.188	ng		88
59) Diethylphthalate	10.20	149	659259	40.080	ng		97
60) 4-Chlorophenyl-phenylether	10.31	204	283947	43.427	ng		92
61) 4-Nitroaniline	10.32	138	158742	48.467	ng		96
62) Azobenzene	10.47	77	616772	36.326	ng		93
64) 4,6-Dinitro-2-methylphenol	10.36	198	5891	10.250	ng		85
65) n-Nitrosodiphenylamine	10.42	169	533316	42.250	ng		95
66) 4-Bromophenyl-phenylether	10.80	248	177457	41.384	ng	#	83
67) Hexachlorobenzene	10.87	284	181138	39.571	ng	#	84
68) Atrazine	10.95	200	155459	38.471	ng		97
69) Pentachlorophenol	11.06	266	120732	43.140	ng		99
70) Phenanthrene	11.27	178	747378	41.222	ng		99
71) Anthracene	11.32	178	759030	43.726	ng		100
72) Carbazole	11.48	167	767045	41.958	ng		99
73) Di-n-butylphthalate	11.82	149	905405	44.599	ng		99
74) Fluoranthene	12.45	202	862263	48.035	ng		99
76) Benzidine	12.58	184	604358	35.525	ng		99
77) Pyrene	12.68	202	918543	33.257	ng		99
79) Butylbenzylphthalate	13.31	149	423331	34.035	ng		98
80) Benzo(a)anthracene	13.87	228	832332	36.177	ng		99
81) 3,3'-Dichlorobenzidine	13.83	252	376708	42.026	ng		98
82) Chrysene	13.91	228	838728	37.658	ng		99
83) Bis(2-ethylhexyl)phthalate	13.87	149	548907	35.117	ng		99
84) Di-n-octyl phthalate	14.48	149	1086304	41.685	ng		99
85) Indeno(1,2,3-cd)pyrene	16.65	276	555067m	28.160	ng		
87) Benzo(b)fluoranthene	14.88	252	700630	44.279	ng		99
88) Benzo(k)fluoranthene	14.91	252	601238	41.261	ng		98
89) Benzo(a)pyrene	15.22	252	569802	39.910	ng		98
90) Dibenzo(a,h)anthracene	16.66	278	465035	36.965	ng		98
91) Benzo(g,h,i)perylene	17.05	276	456372	36.231	ng		93

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

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