Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092618\
Data File : BF109358.D
Acq On : 27 Sep 2018 1:11
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Quant Time: Sep 27 05:41:40 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	86349	20.00	ng		0.00
21) Naphthalene-d8	7.99	136	318263	20.00	ng		0.00
38) Acenaphthene-d10	9.74	164	136181	20.00	ng		0.00
63) Phenanthrene-d10	11.22	188	251211	20.00	ng		0.00
75) Chrysene-d12	13.85	240	246662	20.00	ng		0.00
86) Perylene-d12	15.24	264	238813	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.32	112	447601	85.38	ng		0.00
7) Phenol-d6	6.35	99	533853	79.80	ng		0.00
23) Nitrobenzene-d5	7.27	82	472567	87.65	ng		-0.01
41) 2,4,6-Tribromophenol	10.52	330	113859	84.81	ng		-0.01
44) 2-Fluorobiphenyl	9.07	172	802747	88.90	ng		0.00
78) Terphenyl-d14	12.80	244	684007	68.06	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.34	88	100437	41.598	ng		94
3) Pyridine	3.05	79	256843	41.331	ng		91
4) n-Nitrosodimethylamine	2.98	42	104224	39.410	ng	#	99
6) Aniline	6.37	93	330971	38.670	ng	#	88
8) 2-Chlorophenol	6.49	128	238523	40.914	ng		98
9) Benzaldehyde	6.25	77	163025	37.935	ng		99
10) Phenol	6.36	94	294645	38.893	ng	#	71
11) bis(2-Chloroethyl)ether	6.45	93	228376	38.525	ng		96
12) 1,3-Dichlorobenzene	6.65	146	274138	40.841	ng		99
13) 1,4-Dichlorobenzene	6.73	146	275910	40.801	ng		97
14) 1,2-Dichlorobenzene	6.88	146	252334	40.450	ng		99
15) Benzyl Alcohol	6.85	79	201119	39.277	ng		95
16) 2,2'-oxybis(1-Chloropropan	6.99	45	309204	36.773	ng		95
17) 2-Methylphenol	6.97	107	181392	38.453	ng		97
18) Hexachloroethane	7.22	117	88668	37.217	ng		98
19) n-Nitroso-di-n-propylamine	7.13	70	157556	35.943	ng		98
20) 3+4-Methylphenols	7.12	107	220006	38.630	ng	#	65
22) Acetophenone	7.12	105	295308	40.133	ng	#	96
24) Nitrobenzene	7.29	77	241991	42.214	ng		96
25) Isophorone	7.53	82	367786	37.883	ng		99
26) 2-Nitrophenol	7.61	139	110163	48.594	ng		93
27) 2,4-Dimethylphenol	7.65	122	170042	40.197	ng		100
28) bis(2-Chloroethoxy)methane	7.75	93	251554	39.142	ng		99
29) 2,4-Dichlorophenol	7.85	162	183844	41.364	ng		98
30) 1,2,4-Trichlorobenzene	7.93	180	201475	40.568	ng		97
31) Naphthalene	8.01	128	597038	40.144	ng		99
32) Benzoic acid	7.76	122	112127	40.279	ng		99
33) 4-Chloroaniline	8.06	127	259101	39.880	ng		97
34) Hexachlorobutadiene	8.14	225	124794	41.682	ng		98
35) Caprolactam	8.42	113	54200	38.196	ng	#	87
36) 4-Chloro-3-methylphenol	8.55	107	177391	37.929	ng		100
37) 2-Methylnaphthalene	8.70	142	368484	38.434	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.87	216	192431	44.400	ng		97
40) Hexachlorocyclopentadiene	8.86	237	24784	13.111	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.98	196	123802	44.508	ng		99
43) 2,4,5-Trichlorophenol	9.02	196	125003	42.551	ng		97
45) 1,1'-Biphenyl	9.16	154	470965	42.447	ng		98
46) 2-Chloronaphthalene	9.19	162	370950	41.849	ng		99
47) 2-Nitroaniline	9.28	65	112298	44.685	ng		95
48) Acenaphthylene	9.60	152	540432	40.415	ng		100
49) Dimethylphthalate	9.46	163	402045	40.590	ng		99
50) 2,6-Dinitrotoluene	9.52	165	87212	44.458	ng		95
51) Acenaphthene	9.77	154	315289	38.998	ng		99
52) 3-Nitroaniline	9.69	138	103642	45.621	ng		97
53) 2,4-Dinitrophenol	9.80	184	11095	22.756	ng	#	21
54) Dibenzofuran	9.95	168	479220	39.857	ng		99
55) 4-Nitrophenol	9.86	139	70061	40.939	ng		95
56) 2,4-Dinitrotoluene	9.93	165	109293	44.032	ng		94
57) Fluorene	10.29	166	336716	39.250	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.06	232	96593	41.526	ng		88
59) Diethylphthalate	10.16	149	382402	38.125	ng		97
60) 4-Chlorophenyl-phenylether	10.28	204	177544	39.624	ng		93
61) 4-Nitroaniline	10.30	138	98891	44.636	ng		100
62) Azobenzene	10.44	77	383298	36.781	ng		94
64) 4,6-Dinitro-2-methylphenol	10.33	198	21990	25.420	ng		86
65) n-Nitrosodiphenylamine	10.40	169	337859	40.706	ng		95
66) 4-Bromophenyl-phenylether	10.76	248	112196	40.219	ng		92
67) Hexachlorobenzene	10.84	284	123752	41.770	ng	#	83
68) Atrazine	10.92	200	99040	38.799	ng		99
69) Pentachlorophenol	11.03	266	77304	43.595	ng		98
70) Phenanthrene	11.24	178	510257	40.681	ng		99
71) Anthracene	11.29	178	513138	40.335	ng		100
72) Carbazole	11.45	167	517387	40.876	ng		99
73) Di-n-butylphthalate	11.79	149	566151	38.853	ng		99
74) Fluoranthene	12.42	202	576611	43.017	ng		97
76) Benzidine	12.55	184	349993	39.355	ng		99
77) Pyrene	12.65	202	612240	34.633	ng		99
79) Butylbenzylphthalate	13.27	149	275037	36.570	ng		96
80) Benzo(a)anthracene	13.83	228	564683	38.007	ng		99
81) 3,3'-Dichlorobenzidine	13.80	252	243783	43.175	ng	#	98
82) Chrysene	13.87	228	580258	39.404	ng		99
83) Bis(2-ethylhexyl)phthalate	13.84	149	353694	37.290	ng		99
84) Di-n-octyl phthalate	14.44	149	699515	43.133	ng		98
85) Indeno(1,2,3-cd)pyrene	16.59	276	437692	36.670	ng	#	93
87) Benzo(b)fluoranthene	14.85	252	535624	40.817	ng		97
88) Benzo(k)fluoranthene	14.87	252	500755	40.214	ng		98
89) Benzo(a)pyrene	15.19	252	466691	39.468	ng		99
90) Dibenzo(a,h)anthracene	16.60	278	368940	38.032	ng	#	96
91) Benzo(g,h,i)perylene	17.00	276	345125	36.199	ng	#	91

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

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