Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102218\
Data File : BF110066.D
Acq On : 22 Oct 2018 23:56
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Oct 23 04:47:42 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF101518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 16 14:58:24 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	171814	20.00	ng		-0.01
21) Naphthalene-d8	8.26	136	711652	20.00	ng		-0.01
39) Acenaphthene-d10	10.02	164	330272	20.00	ng		-0.01
64) Phenanthrene-d10	11.50	188	580423	20.00	ng		-0.01
76) Chrysene-d12	14.15	240	328955	20.00	ng		-0.01
87) Perylene-d12	15.67	264	290656	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.59	112	827920	76.38	ng		-0.01
7) Phenol-d6	6.59	99	1038160	77.13	ng		-0.01
23) Nitrobenzene-d5	7.54	82	952100	90.12	ng		-0.01
42) 2,4,6-Tribromophenol	10.80	330	247060	86.40	ng		-0.01
45) 2-Fluorobiphenyl	9.33	172	1700947	82.18	ng		0.00
79) Terphenyl-d14	13.09	244	1553495	99.17	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.82	88	213459	34.674	ng		91
3) Pyridine	3.59	79	492142	35.857	ng		87
4) n-Nitrosodimethylamine	3.56	42	204016	36.439	ng	#	95
6) Aniline	6.63	93	687795	37.920	ng	#	54
8) 2-Chlorophenol	6.76	128	480936	39.611	ng		98
9) Benzaldehyde	6.52	77	324092	37.054	ng		99
10) Phenol	6.60	94	556794	38.316	ng	#	65
11) bis(2-Chloroethyl)ether	6.70	93	463548	38.151	ng		94
12) 1,3-Dichlorobenzene	6.91	146	526714	39.563	ng		99
13) 1,4-Dichlorobenzene	6.99	146	528841	39.442	ng		97
14) 1,2-Dichlorobenzene	7.15	146	494083	40.017	ng		98
15) Benzyl Alcohol	7.11	79	408193	39.421	ng		91
16) 2,2'-oxybis(1-Chloropropan	7.24	45	757769	37.997	ng		68
17) 2-Methylphenol	7.22	107	378028	38.612	ng	#	80
18) Hexachloroethane	7.48	117	183768	38.784	ng		93
19) n-Nitroso-di-n-propylamine	7.38	70	329288	38.104	ng		95
20) 3+4-Methylphenols	7.37	107	482392	38.828	ng		97
22) Acetophenone	7.38	105	641245	38.854	ng	#	98
24) Nitrobenzene	7.56	77	494920	43.125	ng		93
25) Isophorone	7.79	82	791328	38.122	ng		95
26) 2-Nitrophenol	7.87	139	240902	50.627	ng		93
27) 2,4-Dimethylphenol	7.90	122	382525	38.259	ng		98
28) bis(2-Chloroethoxy)methane	8.00	93	548528	38.504	ng		99
29) 2,4-Dichlorophenol	8.10	162	390958	40.308	ng		97
30) 1,2,4-Trichlorobenzene	8.19	180	439500	40.469	ng		95
31) Naphthalene	8.28	128	1272984	39.008	ng		99
32) Benzoic acid	8.00	122	173078	27.783	ng		92
33) 4-Chloroaniline	8.32	127	575880	39.257	ng		99
34) Hexachlorobutadiene	8.39	225	248571	41.507	ng		99
35) Caprolactam	8.70	113	126803	36.811	ng	#	87
36) 4-Chloro-3-methylphenol	8.80	107	404366	39.519	ng		92
37) 2-Methylnaphthalene	8.97	142	839783	39.741	ng		99
38) 1-Methylnaphthalene	9.07	142	814811	39.793	ng		98
40) 1,2,4,5-Tetrachlorobenzene	9.13	216	411825	40.483	ng		98

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Quant Time: Oct 23 04:47:42 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF101518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 16 14:58:24 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.12	237	168304	34.278	ng		99
43) 2,4,6-Trichlorophenol	9.25	196	264614	41.600	ng		95
44) 2,4,5-Trichlorophenol	9.28	196	270004	40.898	ng		94
46) 1,1'-Biphenyl	9.43	154	1180445	40.116	ng		100
47) 2-Chloronaphthalene	9.46	162	863499	39.838	ng		98
48) 2-Nitroaniline	9.56	65	260459	46.824	ng		89
49) Acenaphthylene	9.88	152	1230323	39.073	ng		99
50) Dimethylphthalate	9.73	163	946578	40.476	ng		99
51) 2,6-Dinitrotoluene	9.79	165	209740	47.219	ng		99
52) Acenaphthene	10.05	154	796315	39.723	ng		99
53) 3-Nitroaniline	9.97	138	248143	45.925	ng		88
54) 2,4-Dinitrophenol	10.07	184	44081	36.592	ng	#	85
55) Dibenzofuran	10.22	168	1118738	39.131	ng		98
56) 4-Nitrophenol	10.12	139	166743	40.444	ng		88
57) 2,4-Dinitrotoluene	10.20	165	266819	47.596	ng	#	89
58) Fluorene	10.56	166	826042	39.691	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.33	232	214190m	40.937	ng		
60) Diethylphthalate	10.43	149	929345	40.235	ng		98
61) 4-Chlorophenyl-phenylether	10.55	204	443462	40.906	ng		97
62) 4-Nitroaniline	10.58	138	230336	45.034	ng		93
63) Azobenzene	10.72	77	906968	37.586	ng		96
65) 4,6-Dinitro-2-methylphenol	10.61	198	81300	40.201	ng		95
66) n-Nitrosodiphenylamine	10.67	169	791023	40.919	ng		97
67) 4-Bromophenyl-phenylether	11.05	248	267166	42.473	ng		93
68) Hexachlorobenzene	11.11	284	274213	40.880	ng	#	90
69) Atrazine	11.20	200	253846	42.038	ng		99
70) Pentachlorophenol	11.30	266	150533	39.433	ng		98
71) Phenanthrene	11.53	178	1186715	39.493	ng		100
72) Anthracene	11.58	178	1200497	39.738	ng		99
73) Carbazole	11.73	167	1127058	37.961	ng		100
74) Di-n-butylphthalate	12.06	149	1428051	43.098	ng		99
75) Fluoranthene	12.72	202	1119025	37.278	ng		100
77) Benzidine	12.84	184	519820	41.214	ng		99
78) Pyrene	12.95	202	1106752	45.808	ng		99
80) Butylbenzylphthalate	13.56	149	507963	52.003	ng		99
81) Benzo(a)anthracene	14.14	228	763829	39.421	ng		98
82) 3,3'-Dichlorobenzidine	14.10	252	270905	39.880	ng		98
83) Chrysene	14.17	228	728057	39.476	ng		99
84) Bis(2-ethylhexyl)phthalate	14.11	149	684693	53.271	ng		97
85) Di-n-octyl phthalate	14.73	149	909515	50.192	ng		99
86) Indeno(1,2,3-cd)pyrene	17.23	276	704813	47.463	ng	#	95
88) Benzo(b)fluoranthene	15.22	252	639043	38.136	ng		99
89) Benzo(k)fluoranthene	15.25	252	590021	35.723	ng		99
90) Benzo(a)pyrene	15.60	252	594165	38.553	ng		97
91) Dibenzo(a,h)anthracene	17.25	278	592902	43.410	ng		98
92) Benzo(g,h,i)perylene	17.71	276	563329	40.822	ng		96

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

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