Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102218\
Data File : BF110040.D
Acq On : 22 Oct 2018 10:58
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Manual Integrations APPROVED
Sohil
10/23/2018 2:18:30 PM

Quant Time: Oct 22 11:34:25 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	163689	20.00	ng		-0.01
21) Naphthalene-d8	8.26	136	677218	20.00	ng		-0.01
39) Acenaphthene-d10	10.02	164	319498	20.00	ng		-0.01
64) Phenanthrene-d10	11.50	188	591065	20.00	ng		-0.01
76) Chrysene-d12	14.15	240	397863	20.00	ng		-0.01
87) Perylene-d12	15.67	264	331250	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.59	112	809715	78.41	ng		-0.01
7) Phenol-d6	6.59	99	1004328	78.32	ng		-0.02
23) Nitrobenzene-d5	7.53	82	919902	91.50	ng		-0.02
42) 2,4,6-Tribromophenol	10.80	330	235708	85.21	ng		-0.01
45) 2-Fluorobiphenyl	9.33	172	1638852	81.85	ng		-0.01
79) Terphenyl-d14	13.09	244	1598246	84.36	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.82	88	214657	36.599	ng		91
3) Pyridine	3.59	79	488389	37.350	ng		88
4) n-Nitrosodimethylamine	3.56	42	201799	37.832	ng	#	95
6) Aniline	6.63	93	669492	38.743	ng	#	53
8) 2-Chlorophenol	6.75	128	462342	39.970	ng		95
9) Benzaldehyde	6.52	77	313516	37.624	ng		96
10) Phenol	6.60	94	544031	39.296	ng	#	63
11) bis(2-Chloroethyl)ether	6.70	93	444810	38.426	ng		95
12) 1,3-Dichlorobenzene	6.91	146	507540	40.015	ng		99
13) 1,4-Dichlorobenzene	6.99	146	509424	39.880	ng		96
14) 1,2-Dichlorobenzene	7.14	146	474707	40.356	ng		99
15) Benzyl Alcohol	7.10	79	398563	40.402	ng		93
16) 2,2'-oxybis(1-Chloropropan	7.24	45	728007	38.317	ng		67
17) 2-Methylphenol	7.21	107	364704	39.100	ng	#	80
18) Hexachloroethane	7.48	117	187204	41.470	ng		94
19) n-Nitroso-di-n-propylamine	7.38	70	319653	38.825	ng		96
20) 3+4-Methylphenols	7.36	107	465541	39.331	ng	#	87
22) Acetophenone	7.38	105	619321	39.434	ng	#	98
24) Nitrobenzene	7.56	77	474596	43.457	ng		91
25) Isophorone	7.79	82	751829	38.061	ng		97
26) 2-Nitrophenol	7.87	139	223707	49.404	ng		93
27) 2,4-Dimethylphenol	7.90	122	367086	38.581	ng		96
28) bis(2-Chloroethoxy)methane	8.00	93	521617	38.477	ng		99
29) 2,4-Dichlorophenol	8.10	162	376868	40.831	ng		98
30) 1,2,4-Trichlorobenzene	8.19	180	425677	41.189	ng		95
31) Naphthalene	8.27	128	1232181	39.678	ng		99
32) Benzoic acid	7.98	122	97873	16.510	ng		89
33) 4-Chloroaniline	8.32	127	555896	39.821	ng		98
34) Hexachlorobutadiene	8.39	225	233949	41.052	ng		100
35) Caprolactam	8.69	113	118818	36.247	ng		90
36) 4-Chloro-3-methylphenol	8.79	107	396241	40.694	ng		99
37) 2-Methylnaphthalene	8.97	142	814690	40.514	ng		97
38) 1-Methylnaphthalene	9.07	142	769347	39.483	ng		100
40) 1,2,4,5-Tetrachlorobenzene	9.13	216	393906	40.027	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.12	237	196457	41.361	ng		99
43) 2,4,6-Trichlorophenol	9.24	196	253067	41.126	ng		97
44) 2,4,5-Trichlorophenol	9.28	196	263200	41.212	ng		95
46) 1,1'-Biphenyl	9.43	154	1138368	39.990	ng		99
47) 2-Chloronaphthalene	9.46	162	832257	39.692	ng		98
48) 2-Nitroaniline	9.55	65	257771	47.904	ng		98
49) Acenaphthylene	9.87	152	1197408	39.310	ng		97
50) Dimethylphthalate	9.73	163	895350	39.576	ng		99
51) 2,6-Dinitrotoluene	9.79	165	199609	46.454	ng		97
52) Acenaphthene	10.05	154	777184	40.076	ng		98
53) 3-Nitroaniline	9.96	138	238429	45.615	ng		95
54) 2,4-Dinitrophenol	10.07	184	44808	37.998	ng	#	78
55) Dibenzofuran	10.22	168	1107427	40.041	ng		97
56) 4-Nitrophenol	10.11	139	167478	41.992	ng		96
57) 2,4-Dinitrotoluene	10.20	165	259590	47.842	ng	#	83
58) Fluorene	10.56	166	813889	40.426	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.33	232	206056m	40.711	ng		
60) Diethylphthalate	10.43	149	868941	38.888	ng		99
61) 4-Chlorophenyl-phenylether	10.55	204	422074	40.246	ng		98
62) 4-Nitroaniline	10.58	138	228924	46.267	ng		93
63) Azobenzene	10.71	77	886316	37.969	ng		97
65) 4,6-Dinitro-2-methylphenol	10.60	198	87896	42.193	ng		87
66) n-Nitrosodiphenylamine	10.67	169	776250	39.431	ng		97
67) 4-Bromophenyl-phenylether	11.05	248	256677	40.071	ng		96
68) Hexachlorobenzene	11.11	284	268825	39.355	ng	#	92
69) Atrazine	11.19	200	248047	40.338	ng		100
70) Pentachlorophenol	11.30	266	142898	36.759	ng		98
71) Phenanthrene	11.53	178	1201899	39.278	ng		100
72) Anthracene	11.58	178	1220242	39.665	ng		100
73) Carbazole	11.73	167	1163863	38.495	ng		99
74) Di-n-butylphthalate	12.05	149	1299028	38.499	ng		100
75) Fluoranthene	12.72	202	1183092	38.703	ng		99
77) Benzidine	12.84	184	566370	37.128	ng		98
78) Pyrene	12.95	202	1207303	41.315	ng		99
80) Butylbenzylphthalate	13.56	149	485988	41.136	ng		99
81) Benzo(a)anthracene	14.14	228	925253	39.481	ng		99
82) 3,3'-Dichlorobenzidine	14.10	252	320019	38.951	ng		98
83) Chrysene	14.17	228	886617	39.747	ng		99
84) Bis(2-ethylhexyl)phthalate	14.11	149	642095	41.305	ng		97
85) Di-n-octyl phthalate	14.73	149	976013	44.533	ng		98
86) Indeno(1,2,3-cd)pyrene	17.23	276	820689	45.695	ng	#	94
88) Benzo(b)fluoranthene	15.22	252	714720	37.425	ng		97
89) Benzo(k)fluoranthene	15.24	252	754356	40.076	ng	#	96
90) Benzo(a)pyrene	15.60	252	688603	39.205	ng		97
91) Dibenzo(a,h)anthracene	17.25	278	681676	43.793	ng		98
92) Benzo(g,h,i)perylene	17.70	276	681489	43.332	ng	#	94

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

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