Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121117\
Data File : BF101278.D
Acq On : 11 Dec 2017 10:08
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
12/12/2017 3:58:36 PM

Quant Time: Dec 11 12:55:25 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF113017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 08 18:17:31 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	43197	20.00	ng		0.01
21) Naphthalene-d8	8.12	136	173525	20.00	ng		0.00
38) Acenaphthene-d10	9.87	164	86181	20.00	ng		0.00
63) Phenanthrene-d10	11.37	188	170791	20.00	ng		0.01
75) Chrysene-d12	14.02	240	137277	20.00	ng		0.02
86) Perylene-d12	15.49	264	111119	20.00	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.45	112	204304	78.15	ng		0.01
7) Phenol-d6	6.47	99	246216	77.58	ng		0.01
23) Nitrobenzene-d5	7.40	82	224591	77.21	ng		0.00
41) 2,4,6-Tribromophenol	10.67	330	76252	73.65	ng		0.00
44) 2-Fluorobiphenyl	9.19	172	492450	78.18	ng		0.00
78) Terphenyl-d14	12.95	244	518295	82.58	ng		0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.56	88	38618	35.725	ng		97
3) Pyridine	3.33	79	107823	38.477	ng		96
4) n-Nitrosodimethylamine	3.29	42	55133	40.282	ng		85
6) Aniline	6.50	93	157288	38.111	ng		96
8) 2-Chlorophenol	6.62	128	109767	38.511	ng		96
9) Benzaldehyde	6.39	77	66912	34.446	ng		91
10) Phenol	6.49	94	133751	37.900	ng		85
11) bis(2-Chloroethyl)ether	6.57	93	100359	37.913	ng		99
12) 1,3-Dichlorobenzene	6.77	146	128613	38.752	ng		97
13) 1,4-Dichlorobenzene	6.85	146	129778	37.768	ng		97
14) 1,2-Dichlorobenzene	7.00	146	123360	38.489	ng		97
15) Benzyl Alcohol	6.98	79	96576	39.398	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.10	45	134576	37.402	ng		76
17) 2-Methylphenol	7.09	107	89989	39.099	ng		96
18) Hexachloroethane	7.34	117	42499	38.497	ng		90
19) n-Nitroso-di-n-propylamine	7.25	70	80863	37.832	ng		92
20) 3+4-Methylphenols	7.25	107	115132	38.357	ng	#	61
22) Acetophenone	7.25	105	160272	38.230	ng	#	89
24) Nitrobenzene	7.42	77	110767	38.853	ng		99
25) Isophorone	7.66	82	190172	38.274	ng		98
26) 2-Nitrophenol	7.73	139	60762	38.825	ng		98
27) 2,4-Dimethylphenol	7.77	122	90571	40.006	ng		97
28) bis(2-Chloroethoxy)methane	7.86	93	129181	38.683	ng		98
29) 2,4-Dichlorophenol	7.98	162	96557	39.182	ng		96
30) 1,2,4-Trichlorobenzene	8.06	180	105620	38.978	ng		98
31) Naphthalene	8.14	128	331564	38.769	ng		99
32) Benzoic acid	7.92	122	44828	25.458	ng		97
33) 4-Chloroaniline	8.19	127	132552	38.574	ng		97
34) Hexachlorobutadiene	8.25	225	65582	39.460	ng		96
35) Caprolactam	8.57	113	28767m	37.457	ng		
36) 4-Chloro-3-methylphenol	8.68	107	98086	38.424	ng		93
37) 2-Methylnaphthalene	8.83	142	224683	38.665	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.00	216	121768	38.894	ng	#	96
40) Hexachlorocyclopentadiene	8.97	237	35524	36.123	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.12	196	67722	36.900	ng		96
43) 2,4,5-Trichlorophenol	9.16	196	72723	37.064	ng	#	93
45) 1,1'-Biphenyl	9.30	154	301952	38.242	ng		97
46) 2-Chloronaphthalene	9.32	162	216414	38.594	ng		97
47) 2-Nitroaniline	9.42	65	62212	37.498	ng		95
48) Acenaphthylene	9.74	152	346701	37.622	ng		99
49) Dimethylphthalate	9.59	163	259557	37.345	ng		100
50) 2,6-Dinitrotoluene	9.67	165	55261	37.749	ng	#	84
51) Acenaphthene	9.91	154	208157	37.723	ng		98
52) 3-Nitroaniline	9.84	138	61473	37.341	ng		92
53) 2,4-Dinitrophenol	9.96	184	26428	37.816	ng	#	17
54) Dibenzofuran	10.08	168	297664	37.432	ng		99
55) 4-Nitrophenol	10.01	139	38342	34.535	ng		95
56) 2,4-Dinitrotoluene	10.08	165	71142	36.262	ng	#	92
57) Fluorene	10.43	166	246590	38.146	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.21	232	52818	33.621	ng	#	87
59) Diethylphthalate	10.29	149	262848	38.342	ng		97
60) 4-Chlorophenyl-phenylether	10.42	204	124393	38.974	ng	#	86
61) 4-Nitroaniline	10.46	138	62543	36.599	ng		89
62) Azobenzene	10.57	77	217846	37.445	ng		95
64) 4,6-Dinitro-2-methylphenol	10.50	198	40379	35.249	ng		75
65) n-Nitrosodiphenylamine	10.53	169	232695	38.620	ng		96
66) 4-Bromophenyl-phenylether	10.90	248	75358	39.419	ng	#	88
67) Hexachlorobenzene	10.98	284	79884	38.989	ng	#	87
68) Atrazine	11.06	200	69418	37.559	ng		98
69) Pentachlorophenol	11.18	266	36047	31.997	ng		99
70) Phenanthrene	11.39	178	364202	38.723	ng		98
71) Anthracene	11.44	178	364995	38.344	ng		100
72) Carbazole	11.60	167	327391	37.643	ng		98
73) Di-n-butylphthalate	11.92	149	415286	38.095	ng		98
74) Fluoranthene	12.59	202	383609	36.794	ng		94
76) Benzidine	12.70	184	152720	34.211	ng		99
77) Pyrene	12.82	202	389667	41.136	ng		99
79) Butylbenzylphthalate	13.42	149	168964	40.457	ng	#	88
80) Benzo(a)anthracene	14.01	228	326194	37.634	ng		97
81) 3,3'-Dichlorobenzidine	13.96	252	112115	37.350	ng	#	98
82) Chrysene	14.04	228	301987	37.516	ng		98
83) Bis(2-ethylhexyl)phthalate	13.97	149	228451	38.364	ng		100
84) Di-n-octyl phthalate	14.59	149	360106	36.320	ng		98
85) Indeno(1,2,3-cd)pyrene	17.00	276	230739	32.242	ng	#	92
87) Benzo(b)fluoranthene	15.06	252	276396	41.528	ng		97
88) Benzo(k)fluoranthene	15.09	252	241206	36.784	ng	#	96
89) Benzo(a)pyrene	15.43	252	230819	38.146	ng		99
90) Dibenzo(a,h)anthracene	17.00	278	196271	36.793	ng	#	95
91) Benzo(g,h,i)perylene	17.44	276	186640	37.126	ng	#	91

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

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