Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120717\
Data File : BF101225.D
Acq On : 8 Dec 2017 1:11
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
12/8/2017 11:12:33 AM

Quant Time: Dec 08 02:33:34 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF113017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 04 13:07:49 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	45736	20.00	ng		0.00
21) Naphthalene-d8	8.13	136	167451	20.00	ng		0.00
38) Acenaphthene-d10	9.88	164	66115	20.00	ng		0.00
63) Phenanthrene-d10	11.37	188	114882	20.00	ng		0.00
75) Chrysene-d12	14.02	240	92148	20.00	ng		0.00
86) Perylene-d12	15.50	264	72335	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.46	112	230310	83.21	ng		0.00
7) Phenol-d6	6.48	99	268425	79.88	ng		0.00
23) Nitrobenzene-d5	7.42	82	228968	81.57	ng		0.00
41) 2,4,6-Tribromophenol	10.67	330	54174	68.21	ng		0.00
44) 2-Fluorobiphenyl	9.20	172	450834	93.30	ng		0.00
78) Terphenyl-d14	12.96	244	374306	88.85	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.57	88	46235	40.397	ng		98
3) Pyridine	3.35	79	126524	42.644	ng		89
4) n-Nitrosodimethylamine	3.30	42	64388	44.433	ng	#	84
6) Aniline	6.51	93	170706	39.066	ng		99
8) 2-Chlorophenol	6.63	128	119084	39.460	ng		97
9) Benzaldehyde	6.40	77	76098	37.000	ng		93
10) Phenol	6.49	94	144992	38.804	ng		90
11) bis(2-Chloroethyl)ether	6.58	93	108570	38.738	ng		97
12) 1,3-Dichlorobenzene	6.78	146	140669	40.031	ng		95
13) 1,4-Dichlorobenzene	6.86	146	143854	39.541	ng		99
14) 1,2-Dichlorobenzene	7.02	146	131938	38.880	ng		97
15) Benzyl Alcohol	6.99	79	95384	36.751	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.12	45	142611m	37.434	ng		
17) 2-Methylphenol	7.10	107	94068	38.603	ng		97
18) Hexachloroethane	7.35	117	35236	30.146	ng		92
19) n-Nitroso-di-n-propylamine	7.26	70	85546	37.801	ng		93
20) 3+4-Methylphenols	7.25	107	119869	37.718	ng	#	71
22) Acetophenone	7.26	105	168482	41.647	ng	#	92
24) Nitrobenzene	7.43	77	111292	40.453	ng		93
25) Isophorone	7.67	82	189239	39.467	ng	#	96
26) 2-Nitrophenol	7.75	139	41104m	27.217	ng		
27) 2,4-Dimethylphenol	7.78	122	88671	40.587	ng		96
28) bis(2-Chloroethoxy)methane	7.87	93	130726	40.565	ng		99
29) 2,4-Dichlorophenol	7.99	162	94578	39.771	ng		97
30) 1,2,4-Trichlorobenzene	8.07	180	106301	40.652	ng		95
31) Naphthalene	8.15	128	320750	38.865	ng		99
32) Benzoic acid	7.90	122	42894m	25.244	ng		
33) 4-Chloroaniline	8.20	127	130224	39.271	ng		99
34) Hexachlorobutadiene	8.26	225	66269	41.320	ng		98
35) Caprolactam	8.58	113	24313	32.806	ng		93
36) 4-Chloro-3-methylphenol	8.68	107	88706	36.010	ng		99
37) 2-Methylnaphthalene	8.84	142	204359	36.443	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.00	216	110798	46.131	ng	#	97
40) Hexachlorocyclopentadiene	8.99	237	1627	9.841	ng		83

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.12	196	59237	42.073	ng		99
43) 2,4,5-Trichlorophenol	9.16	196	63328	42.072	ng		91
45) 1,1'-Biphenyl	9.30	154	267853	44.219	ng		97
46) 2-Chloronaphthalene	9.33	162	185573	43.138	ng		95
47) 2-Nitroaniline	9.43	65	55452	43.568	ng		94
48) Acenaphthylene	9.75	152	287012	40.597	ng		99
49) Dimethylphthalate	9.60	163	231022	43.327	ng		100
50) 2,6-Dinitrotoluene	9.67	165	37879	33.729	ng		96
51) Acenaphthene	9.92	154	168778	39.869	ng		99
52) 3-Nitroaniline	9.85	138	53005	41.970	ng		96
54) Dibenzofuran	10.09	168	239908	39.326	ng		99
55) 4-Nitrophenol	10.01	139	23593	27.700	ng		94
56) 2,4-Dinitrotoluene	10.08	165	42169	28.018	ng	#	94
57) Fluorene	10.43	166	190620	38.438	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.21	232	43361	35.978	ng	#	84
59) Diethylphthalate	10.30	149	217499	41.356	ng		97
60) 4-Chlorophenyl-phenylether	10.42	204	99786	40.753	ng		91
61) 4-Nitroaniline	10.46	138	53061	40.474	ng		96
62) Azobenzene	10.58	77	163296	36.587	ng		95
64) 4,6-Dinitro-2-methylphenol	10.50	198	1736	2.253	ng	#	70
65) n-Nitrosodiphenylamine	10.54	169	182295	44.979	ng		95
66) 4-Bromophenyl-phenylether	10.91	248	56302	43.784	ng		89
67) Hexachlorobenzene	10.99	284	56101	40.707	ng	#	82
68) Atrazine	11.06	200	33727	27.129	ng		99
69) Pentachlorophenol	11.18	266	23731m	31.317	ng		
70) Phenanthrene	11.40	178	251381	39.735	ng		98
71) Anthracene	11.45	178	254775	39.790	ng		98
72) Carbazole	11.61	167	230231	39.354	ng		98
73) Di-n-butylphthalate	11.93	149	304408	41.514	ng		98
74) Fluoranthene	12.59	202	263415	37.562	ng		93
76) Benzidine	12.72	184	159569	53.252	ng		97
77) Pyrene	12.82	202	270126	42.483	ng		99
79) Butylbenzylphthalate	13.43	149	119906	42.772	ng		95
80) Benzo(a)anthracene	14.01	228	234431	40.293	ng		98
81) 3,3'-Dichlorobenzidine	13.97	252	89688	44.512	ng		98
82) Chrysene	14.05	228	214639	39.723	ng		99
83) Bis(2-ethylhexyl)phthalate	13.98	149	173114	43.309	ng		98
84) Di-n-octyl phthalate	14.60	149	279850	42.049	ng		98
85) Indeno(1,2,3-cd)pyrene	16.99	276	164742	34.294	ng	#	91
87) Benzo(b)fluoranthene	15.07	252	180150	41.579	ng		97
88) Benzo(k)fluoranthene	15.10	252	181726	42.572	ng	#	94
89) Benzo(a)pyrene	15.44	252	160063	40.636	ng	#	97
90) Dibenzo(a,h)anthracene	17.00	278	142388	41.004	ng	#	93
91) Benzo(g,h,i)perylene	17.44	276	132363	40.446	ng	#	90

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

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