Quantitation Report (QT Reviewed)

Data Path : U:\HPCHEM1\BNA F\DATA\BF012518\
Data File : BF102431.D
Acq On : 25 Jan 2018 18:44
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Quant Time: Jan 26 00:20:57 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF012218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 25 13:44:56 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	117633	20.00	ng		0.00
21) Naphthalene-d8	8.00	136	496284	20.00	ng		0.00
38) Acenaphthene-d10	9.75	164	224857	20.00	ng		0.00
63) Phenanthrene-d10	11.24	188	392751	20.00	ng		0.00
75) Chrysene-d12	13.88	240	298303	20.00	ng		0.00
86) Perylene-d12	15.30	264	257792	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.32	112	622607	80.25	ng		0.00
7) Phenol-d6	6.36	99	734503	78.53	ng		0.00
23) Nitrobenzene-d5	7.29	82	668035	77.35	ng		0.00
41) 2,4,6-Tribromophenol	10.55	330	155630	69.85	ng		0.00
44) 2-Fluorobiphenyl	9.07	172	1201789	78.59	ng		0.00
78) Terphenyl-d14	12.82	244	1005457	75.99	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.38	88	150236	40.757	ng		99
3) Pyridine	3.08	79	391233	40.614	ng		92
4) n-Nitrosodimethylamine	3.05	42	154400	40.885	ng		98
6) Aniline	6.38	93	484994	39.204	ng	#	86
8) 2-Chlorophenol	6.50	128	325124	39.978	ng		95
9) Benzaldehyde	6.27	77	205528	39.389	ng		94
10) Phenol	6.37	94	398564	39.033	ng	#	72
11) bis(2-Chloroethyl)ether	6.46	93	306479	39.463	ng		96
12) 1,3-Dichlorobenzene	6.66	146	376187	38.894	ng		98
13) 1,4-Dichlorobenzene	6.73	146	386453	39.887	ng		98
14) 1,2-Dichlorobenzene	6.89	146	353543	39.894	ng		98
15) Benzyl Alcohol	6.86	79	257502	39.020	ng		100
16) 2,2'-oxybis(1-Chloropropan	6.99	45	503229	38.635	ng		90
17) 2-Methylphenol	6.98	107	276367	39.129	ng		96
18) Hexachloroethane	7.22	117	135032	39.996	ng		93
19) n-Nitroso-di-n-propylamine	7.14	70	221929	38.773	ng		98
20) 3+4-Methylphenols	7.13	107	335299	40.364	ng	#	64
22) Acetophenone	7.13	105	452444	38.244	ng	#	90
24) Nitrobenzene	7.30	77	346578	39.215	ng		99
25) Isophorone	7.55	82	585064	38.001	ng		97
26) 2-Nitrophenol	7.62	139	185361	39.850	ng		92
27) 2,4-Dimethylphenol	7.66	122	259170	38.372	ng		97
28) bis(2-Chloroethoxy)methane	7.75	93	364866	38.364	ng		99
29) 2,4-Dichlorophenol	7.86	162	267434	38.872	ng		98
30) 1,2,4-Trichlorobenzene	7.94	180	281799	38.210	ng		98
31) Naphthalene	8.02	128	955433	38.559	ng		99
32) Benzoic acid	7.80	122	163916	28.967	ng		95
33) 4-Chloroaniline	8.07	127	403214	38.697	ng		99
34) Hexachlorobutadiene	8.13	225	154125	39.128	ng		100
35) Caprolactam	8.46	113	86464	38.053	ng		97
36) 4-Chloro-3-methylphenol	8.56	107	282049	38.893	ng		99
37) 2-Methylnaphthalene	8.71	142	638771	38.709	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.88	216	262506	38.803	ng		99
40) Hexachlorocyclopentadiene	8.86	237	118360	39.095	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.00	196	170677	37.688	ng		97
43) 2,4,5-Trichlorophenol	9.04	196	197533	38.739	ng		99
45) 1,1'-Biphenyl	9.17	154	777386	38.665	ng		99
46) 2-Chloronaphthalene	9.20	162	608028	38.906	ng		99
47) 2-Nitroaniline	9.30	65	191515	39.307	ng		95
48) Acenaphthylene	9.62	152	930186	38.205	ng		99
49) Dimethylphthalate	9.48	163	715239	38.483	ng		100
50) 2,6-Dinitrotoluene	9.55	165	152676	38.101	ng		94
51) Acenaphthene	9.79	154	541612	38.089	ng		99
52) 3-Nitroaniline	9.72	138	181038	38.191	ng		96
53) 2,4-Dinitrophenol	9.83	184	57108	33.992	ng	#	23
54) Dibenzofuran	9.96	168	765043	39.754	ng		97
55) 4-Nitrophenol	9.89	139	107287	34.287	ng		95
56) 2,4-Dinitrotoluene	9.95	165	188820	38.318	ng	#	88
57) Fluorene	10.30	166	616362	40.419	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.08	232	141503	38.867	ng		97
59) Diethylphthalate	10.17	149	684935	37.924	ng		99
60) 4-Chlorophenyl-phenylether	10.29	204	264997	40.081	ng		95
61) 4-Nitroaniline	10.33	138	177878	37.605	ng		94
62) Azobenzene	10.46	77	626832	37.908	ng		96
64) 4,6-Dinitro-2-methylphenol	10.36	198	100378	38.308	ng		93
65) n-Nitrosodiphenylamine	10.42	169	553892	38.423	ng		99
66) 4-Bromophenyl-phenylether	10.78	248	163198	38.600	ng		100
67) Hexachlorobenzene	10.85	284	169336	35.812	ng		93
68) Atrazine	10.95	200	162890	38.259	ng		100
69) Pentachlorophenol	11.05	266	101784	40.977	ng		97
70) Phenanthrene	11.26	178	875721	38.264	ng		99
71) Anthracene	11.32	178	881572	37.739	ng		99
72) Carbazole	11.47	167	870060	38.178	ng		99
73) Di-n-butylphthalate	11.80	149	1076511	37.790	ng		100
74) Fluoranthene	12.45	202	875639	37.519	ng		99
76) Benzidine	12.57	184	376243	37.545	ng		97
77) Pyrene	12.68	202	898286	38.948	ng		100
79) Butylbenzylphthalate	13.30	149	449847	39.193	ng		94
80) Benzo(a)anthracene	13.87	228	724658	39.457	ng		99
81) 3,3'-Dichlorobenzidine	13.83	252	260597	38.681	ng		97
82) Chrysene	13.90	228	722415	38.735	ng		99
83) Bis(2-ethylhexyl)phthalate	13.85	149	601075	38.968	ng	#	99
84) Di-n-octyl phthalate	14.46	149	940348	37.487	ng		100
85) Indeno(1,2,3-cd)pyrene	16.70	276	570987	37.071	ng		99
87) Benzo(b)fluoranthene	14.90	252	646422	38.688	ng		99
88) Benzo(k)fluoranthene	14.93	252	611458	38.734	ng		99
89) Benzo(a)pyrene	15.24	252	592297	39.304	ng		97
90) Dibenzo(a,h)anthracene	16.71	278	468147	38.351	ng		99
91) Benzo(g,h,i)perylene	17.12	276	468911	38.904	ng		97

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

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