Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM071817\
Data File : BM010877.D
Acq On : 18 Jul 2017 19:05
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTDCCC040

Quant Time: Jul 19 01:01:00 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM071217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 12 14:21:16 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.44	152	279665	20.00	ng		-0.01
21) Naphthalene-d8	10.20	136	1192754	20.00	ng		0.00
38) Acenaphthene-d10	14.09	164	813198	20.00	ng		0.00
63) Phenanthrene-d10	16.85	188	1946662	20.00	ng		0.00
75) Chrysene-d12	21.06	240	1870443	20.00	ng		0.00
86) Perylene-d12	23.19	264	1556070	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.07	112	1363186	80.74	ng		0.00
7) Phenol-d6	6.64	99	2003643	86.09	ng		0.00
23) Nitrobenzene-d5	8.59	82	2440468	78.65	ng		0.00
41) 2,4,6-Tribromophenol	15.60	330	1084629	87.28	ng		0.00
44) 2-Fluorobiphenyl	12.70	172	5353500	81.90	ng		0.00
78) Terphenyl-d14	19.51	244	7515623	77.71	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.09	88	256013	34.366	ng	#	100
3) Pyridine	3.46	79	779948	38.302	ng	#	88
4) n-Nitrosodimethylamine	3.38	42	386581	37.146	ng	#	76
6) Aniline	6.79	93	1237991	42.461	ng		93
8) 2-Chlorophenol	7.02	128	664981	39.782	ng		89
9) Benzaldehyde	6.60	77	656613	40.629	ng		83
10) Phenol	6.66	94	1003202	40.767	ng		95
11) bis(2-Chloroethyl)ether	6.89	93	809487	42.711	ng		98
12) 1,3-Dichlorobenzene	7.33	146	813564	39.384	ng	#	87
13) 1,4-Dichlorobenzene	7.47	146	843142	39.551	ng	#	92
14) 1,2-Dichlorobenzene	7.79	146	803141	39.537	ng	#	91
15) Benzyl Alcohol	7.69	79	900232	40.847	ng	#	84
16) 2,2'-oxybis(1-Chloropropan	7.97	45	712324	43.351	ng		78
17) 2-Methylphenol	7.89	107	713836	44.853	ng	#	82
18) Hexachloroethane	8.50	117	364248	40.736	ng	#	84
19) n-Nitroso-di-n-propylamine	8.25	70	823257	44.653	ng		92
20) 3+4-Methylphenols	8.22	107	997293	45.104	ng		86
22) Acetophenone	8.26	105	1410098	39.265	ng	#	95
24) Nitrobenzene	8.63	77	1266388	39.821	ng		90
25) Isophorone	9.16	82	2141944	42.135	ng	#	88
26) 2-Nitrophenol	9.33	139	426501	40.303	ng	#	38
27) 2,4-Dimethylphenol	9.40	122	725989	38.438	ng	#	74
28) bis(2-Chloroethoxy)methane	9.64	93	1205796	42.313	ng		97
29) 2,4-Dichlorophenol	9.86	162	831663	38.980	ng		90
30) 1,2,4-Trichlorobenzene	10.07	180	1006011	38.570	ng		98
31) Naphthalene	10.25	128	2506169	41.323	ng		98
32) Benzoic acid	9.57	122	573655	38.711	ng	#	71
33) 4-Chloroaniline	10.37	127	1030424	42.171	ng	#	77
34) Hexachlorobutadiene	10.54	225	762598	37.680	ng		95
35) Caprolactam	11.17	113	254713	44.842	ng	#	89
36) 4-Chloro-3-methylphenol	11.51	107	1053658	40.827	ng	#	75
37) 2-Methylnaphthalene	11.87	142	1925260	44.197	ng	#	89
39) 1,2,4,5-Tetrachlorobenzene	12.26	216	1366532	38.552	ng	#	100
40) Hexachlorocyclopentadiene	12.24	237	835589	41.122	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	12.51	196	837502	38.371	ng		98
43) 2,4,5-Trichlorophenol	12.58	196	893815	41.478	ng	#	90
45) 1,1'-Biphenyl	12.92	154	2619132	36.969	ng		98
46) 2-Chloronaphthalene	12.96	162	2114013	40.695	ng		94
47) 2-Nitroaniline	13.17	65	762897	44.675	ng	#	74
48) Acenaphthylene	13.81	152	3384392	43.804	ng		99
49) Dimethylphthalate	13.57	163	2688876	38.867	ng	#	99
50) 2,6-Dinitrotoluene	13.69	165	600056	44.220	ng	#	67
51) Acenaphthene	14.16	154	2055556	43.541	ng		98
52) 3-Nitroaniline	14.02	138	529218	42.900	ng	#	43
53) 2,4-Dinitrophenol	14.22	184	382022	40.725	ng	#	87
54) Dibenzofuran	14.50	168	3150046	41.249	ng	#	90
55) 4-Nitrophenol	14.33	139	412179	38.472	ng	#	1
56) 2,4-Dinitrotoluene	14.47	165	823553	43.737	ng	#	94
57) Fluorene	15.15	166	2853957	43.474	ng		100
58) 2,3,4,6-Tetrachlorophenol	14.73	232	844021	42.154	ng	#	100
59) Diethylphthalate	14.95	149	2754630	40.317	ng		99
60) 4-Chlorophenyl-phenylether	15.16	204	1652159	40.970	ng		98
61) 4-Nitroaniline	15.19	138	546500	42.385	ng	#	1
62) Azobenzene	15.45	77	2971220	42.826	ng		91
64) 4,6-Dinitro-2-methylphenol	15.24	198	544953	42.453	ng		92
65) n-Nitrosodiphenylamine	15.37	169	2360604	42.379	ng		99
66) 4-Bromophenyl-phenylether	16.05	248	1062696	43.076	ng	#	90
67) Hexachlorobenzene	16.16	284	1129139	40.026	ng	#	88
68) Atrazine	16.34	200	853545	37.002	ng		96
69) Pentachlorophenol	16.50	266	699806	38.697	ng		97
70) Phenanthrene	16.89	178	4358427	43.037	ng		100
71) Anthracene	16.98	178	4422428	43.993	ng		99
72) Carbazole	17.26	167	3947591	44.588	ng		99
73) Di-n-butylphthalate	17.84	149	4246514	40.542	ng	#	96
74) Fluoranthene	18.92	202	5154598	41.098	ng		98
76) Benzidine	19.12	184	1662837	33.221	ng		99
77) Pyrene	19.29	202	5177893	47.752	ng		99
79) Butylbenzylphthalate	20.22	149	1667588	43.927	ng	#	80
80) Benzo(a)anthracene	21.05	228	4694156	43.311	ng		99
81) 3,3'-Dichlorobenzidine	20.99	252	1714782	40.239	ng	#	97
82) Chrysene	21.10	228	4364364	42.283	ng		99
83) Bis(2-ethylhexyl)phthalate	21.00	149	2309544	41.777	ng		98
84) Di-n-octyl phthalate	21.86	149	3609357	39.848	ng		100
85) Indeno(1,2,3-cd)pyrene	25.30	276	4252408	35.928	ng	#	100
87) Benzo(b)fluoranthene	22.56	252	4404939	44.565	ng	#	92
88) Benzo(k)fluoranthene	22.61	252	4103439	43.465	ng	#	95
89) Benzo(a)pyrene	23.10	252	3934401	43.731	ng	#	96
90) Dibenzo(a,h)anthracene	25.31	278	3629389	41.563	ng	#	91
91) Benzo(g,h,i)perylene	25.94	276	3563167	41.510	ng	#	87

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

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