Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM071217\
Data File : BM010800.D
Acq On : 12 Jul 2017 14:19
Operator : SJ/JU
Sample : SSTDICV040
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTDICV040

Quant Time: Jul 12 14:55:31 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	7.45	152	237674	20.00	ng		0.00
21) Naphthalene-d8	10.21	136	882521	20.00	ng		0.00
38) Acenaphthene-d10	14.10	164	534914	20.00	ng		0.00
63) Phenanthrene-d10	16.85	188	1302605	20.00	ng		0.00
75) Chrysene-d12	21.07	240	1489382	20.00	ng		0.00
86) Perylene-d12	23.20	264	1393077	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.08	112	1138631	79.36	ng		0.00
7) Phenol-d6	6.64	99	1556156	78.67	ng		0.00
23) Nitrobenzene-d5	8.59	82	1868695	81.39	ng		0.00
41) 2,4,6-Tribromophenol	15.60	330	664556	81.30	ng		0.00
44) 2-Fluorobiphenyl	12.71	172	3580945	83.28	ng		0.00
78) Terphenyl-d14	19.51	244	6062258	78.72	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.09	88	239314	37.800	ng	#	100
3) Pyridine	3.46	79	704542	40.712	ng		90
4) n-Nitrosodimethylamine	3.39	42	339381	38.372	ng	#	74
6) Aniline	6.79	93	968146	39.072	ng		92
8) 2-Chlorophenol	7.02	128	575982	40.545	ng		88
9) Benzaldehyde	6.60	77	531715	38.714	ng		88
10) Phenol	6.66	94	827203	39.554	ng		94
11) bis(2-Chloroethyl)ether	6.89	93	627276	38.944	ng		95
12) 1,3-Dichlorobenzene	7.34	146	682645	38.885	ng	#	83
13) 1,4-Dichlorobenzene	7.48	146	699820	38.628	ng	#	92
14) 1,2-Dichlorobenzene	7.79	146	657853	38.106	ng	#	91
15) Benzyl Alcohol	7.69	79	714970	38.173	ng	#	85
16) 2,2'-oxybis(1-Chloropropan	7.98	45	546155	39.111	ng		79
17) 2-Methylphenol	7.89	107	539106	39.859	ng	#	83
18) Hexachloroethane	8.51	117	296184	38.977	ng	#	80
19) n-Nitroso-di-n-propylamine	8.26	70	582215	37.158	ng		94
20) 3+4-Methylphenols	8.22	107	737167	39.229	ng		87
22) Acetophenone	8.26	105	1073066	40.383	ng	#	96
24) Nitrobenzene	8.64	77	951294	40.428	ng	#	89
25) Isophorone	9.16	82	1508373	40.102	ng	#	87
26) 2-Nitrophenol	9.34	139	328644	41.973	ng	#	35
27) 2,4-Dimethylphenol	9.41	122	554520	39.680	ng	#	73
28) bis(2-Chloroethoxy)methane	9.65	93	845446	40.097	ng		98
29) 2,4-Dichlorophenol	9.86	162	630147	39.918	ng		97
30) 1,2,4-Trichlorobenzene	10.07	180	759568	39.358	ng		99
31) Naphthalene	10.26	128	1822624	40.617	ng		98
32) Benzoic acid	9.55	122	446770	40.747	ng	#	63
33) 4-Chloroaniline	10.37	127	740232	40.944	ng	#	80
34) Hexachlorobutadiene	10.55	225	601754	40.185	ng		96
35) Caprolactam	11.16	113	159782	38.018	ng	#	81
36) 4-Chloro-3-methylphenol	11.51	107	757508	39.670	ng	#	78
37) 2-Methylnaphthalene	11.88	142	1267073	39.312	ng	#	88
39) 1,2,4,5-Tetrachlorobenzene	12.26	216	986100	42.292	ng	#	100
40) Hexachlorocyclopentadiene	12.25	237	595450	44.549	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	12.51	196	597150	41.592	ng		96
43) 2,4,5-Trichlorophenol	12.58	196	610885	43.097	ng	#	83
45) 1,1'-Biphenyl	12.92	154	1952078	41.888	ng		97
46) 2-Chloronaphthalene	12.96	162	1417438	41.481	ng	#	92
47) 2-Nitroaniline	13.17	65	482750	42.977	ng	#	78
48) Acenaphthylene	13.82	152	2140384	42.115	ng		98
49) Dimethylphthalate	13.57	163	1879993	41.312	ng	#	99
50) 2,6-Dinitrotoluene	13.69	165	385854	43.228	ng	#	65
51) Acenaphthene	14.16	154	1283735	41.338	ng		100
52) 3-Nitroaniline	14.02	138	342722	42.236	ng	#	44
53) 2,4-Dinitrophenol	14.22	184	256117	41.508	ng	#	81
54) Dibenzofuran	14.50	168	2055280	40.915	ng	#	89
55) 4-Nitrophenol	14.33	139	300939	42.702	ng	#	6
56) 2,4-Dinitrotoluene	14.48	165	535250	43.215	ng		93
57) Fluorene	15.16	166	1747071	40.458	ng		98
58) 2,3,4,6-Tetrachlorophenol	14.73	232	530544	40.282	ng	#	100
59) Diethylphthalate	14.95	149	1816583	40.420	ng		100
60) 4-Chlorophenyl-phenylether	15.16	204	1038207	39.139	ng		99
61) 4-Nitroaniline	15.19	138	356581	42.043	ng	#	1
62) Azobenzene	15.46	77	1856592	40.682	ng		89
64) 4,6-Dinitro-2-methylphenol	15.25	198	361102	42.040	ng		93
65) n-Nitrosodiphenylamine	15.38	169	1516741	40.693	ng		97
66) 4-Bromophenyl-phenylether	16.06	248	673166	40.778	ng	#	89
67) Hexachlorobenzene	16.16	284	773393	40.971	ng	#	88
68) Atrazine	16.34	200	639404	41.424	ng		98
69) Pentachlorophenol	16.50	266	497056	41.075	ng		95
70) Phenanthrene	16.90	178	2733194	40.333	ng		100
71) Anthracene	16.99	178	2745718	40.818	ng		98
72) Carbazole	17.26	167	2411440	40.705	ng		99
73) Di-n-butylphthalate	17.84	149	2953214	42.135	ng	#	96
74) Fluoranthene	18.93	202	3432509	40.899	ng		98
76) Benzidine	19.13	184	1691190	42.432	ng		99
77) Pyrene	19.29	202	3466407	40.147	ng		99
79) Butylbenzylphthalate	20.22	149	1286626	42.563	ng	#	76
80) Benzo(a)anthracene	21.05	228	3505602	40.621	ng		99
81) 3,3'-Dichlorobenzidine	21.00	252	1414958	41.698	ng	#	97
82) Chrysene	21.10	228	3317768	40.367	ng		99
83) Bis(2-ethylhexyl)phthalate	21.01	149	1893914	43.024	ng		99
84) Di-n-octyl phthalate	21.87	149	3105299	43.055	ng		99
85) Indeno(1,2,3-cd)pyrene	25.31	276	3927744	41.675	ng	#	100
87) Benzo(b)fluoranthene	22.57	252	3571988	40.366	ng	#	93
88) Benzo(k)fluoranthene	22.62	252	3487302	41.260	ng	#	94
89) Benzo(a)pyrene	23.11	252	3312425	41.125	ng	#	95
90) Dibenzo(a,h)anthracene	25.32	278	3167824	40.522	ng	#	92
91) Benzo(g,h,i)perylene	25.96	276	3127057	40.692	ng	#	85

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

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