Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM072617\
Data File : BM010965.D
Acq On : 26 Jul 2017 11:28
Operator : SJ/JU
Sample : SSTDICC010
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTDICC010

Quant Time: Jul 26 13:36:49 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM072617.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 26 13:34:33 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.39	152	204419	20.00	ng		0.00
21) Naphthalene-d8	10.15	136	856898	20.00	ng		0.00
38) Acenaphthene-d10	14.05	164	599590	20.00	ng		0.00
63) Phenanthrene-d10	16.81	188	1581346	20.00	ng		0.00
75) Chrysene-d12	21.03	240	1752912	20.00	ng		0.00
86) Perylene-d12	23.14	264	1486380	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.03	112	229033	18.56	ng		0.00
7) Phenol-d6	6.59	99	331674	19.50	ng		0.00
23) Nitrobenzene-d5	8.54	82	433986	19.47	ng		0.00
41) 2,4,6-Tribromophenol	15.55	330	184846	20.17	ng		0.00
44) 2-Fluorobiphenyl	12.66	172	912090	18.92	ng		0.00
78) Terphenyl-d14	19.47	244	1739406	19.19	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.03	88	51599	9.476	ng	#	100
3) Pyridine	3.41	79	148676	9.989	ng		89
4) n-Nitrosodimethylamine	3.33	42	74740	9.825	ng	#	71
6) Aniline	6.73	93	211949	9.945	ng	#	84
8) 2-Chlorophenol	6.96	128	123953	10.145	ng		90
9) Benzaldehyde	6.55	77	132230	11.194	ng	#	84
10) Phenol	6.61	94	186965	10.394	ng		98
11) bis(2-Chloroethyl)ether	6.84	93	148532	10.722	ng		94
12) 1,3-Dichlorobenzene	7.28	146	145213	9.617	ng	#	80
13) 1,4-Dichlorobenzene	7.43	146	144441	9.270	ng	#	92
14) 1,2-Dichlorobenzene	7.73	146	146871	9.892	ng	#	89
15) Benzyl Alcohol	7.64	79	165364	10.265	ng	#	76
16) 2,2'-oxybis(1-Chloropropan	7.92	45	131767	10.971	ng		73
17) 2-Methylphenol	7.84	107	118102	10.152	ng	#	76
18) Hexachloroethane	8.45	117	63150	9.662	ng	#	78
19) n-Nitroso-di-n-propylamine	8.20	70	145999	10.834	ng	#	90
20) 3+4-Methylphenols	8.16	107	162143	10.032	ng		79
22) Acetophenone	8.21	105	251296	9.740	ng	#	95
24) Nitrobenzene	8.58	77	231055	10.113	ng	#	86
25) Isophorone	9.10	82	365155	9.998	ng	#	85
26) 2-Nitrophenol	9.28	139	66207	8.709	ng	#	23
27) 2,4-Dimethylphenol	9.35	122	132536	9.768	ng	#	77
28) bis(2-Chloroethoxy)methane	9.59	93	203654	9.947	ng	#	98
29) 2,4-Dichlorophenol	9.81	162	143604	9.369	ng		90
30) 1,2,4-Trichlorobenzene	10.02	180	173766	9.273	ng		97
31) Naphthalene	10.20	128	403257	9.255	ng		97
32) Benzoic acid	9.45	122	94513	8.878	ng	#	79
33) 4-Chloroaniline	10.32	127	168957	9.625	ng	#	73
34) Hexachlorobutadiene	10.49	225	139127	9.569	ng		96
35) Caprolactam	11.09	113	41439	10.155	ng	#	85
36) 4-Chloro-3-methylphenol	11.46	107	187876	10.133	ng	#	68
37) 2-Methylnaphthalene	11.83	142	306804	9.804	ng	#	84
39) 1,2,4,5-Tetrachlorobenzene	12.21	216	249923	9.563	ng	#	100
40) Hexachlorocyclopentadiene	12.19	237	137349	9.167	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	12.46	196	145383	9.034	ng		97
43) 2,4,5-Trichlorophenol	12.53	196	159071	10.012	ng	#	86
45) 1,1'-Biphenyl	12.87	154	500827	9.588	ng		97
46) 2-Chloronaphthalene	12.90	162	376831	9.838	ng	#	92
47) 2-Nitroaniline	13.12	65	125174	9.942	ng	#	62
48) Acenaphthylene	13.76	152	564377	9.907	ng		98
49) Dimethylphthalate	13.52	163	502506	9.851	ng	#	98
50) 2,6-Dinitrotoluene	13.64	165	101067	10.101	ng	#	63
51) Acenaphthene	14.12	154	342468	9.838	ng		93
52) 3-Nitroaniline	13.96	138	80231	8.821	ng	#	14
53) 2,4-Dinitrophenol	14.17	184	64236	9.287	ng	#	80
54) Dibenzofuran	14.45	168	560110	9.947	ng	#	91
55) 4-Nitrophenol	14.29	139	69961	8.856	ng	#	1
56) 2,4-Dinitrotoluene	14.43	165	141838	10.216	ng	#	89
57) Fluorene	15.11	166	484151	10.002	ng		97
58) 2,3,4,6-Tetrachlorophenol	14.69	232	152793	10.350	ng	#	100
59) Diethylphthalate	14.90	149	506656	10.057	ng		98
60) 4-Chlorophenyl-phenylether	15.12	204	298994	10.056	ng		98
61) 4-Nitroaniline	15.13	138	89342	9.398	ng	#	1
62) Azobenzene	15.40	77	562469	10.995	ng		85
64) 4,6-Dinitro-2-methylphenol	15.20	198	94047	9.019	ng		93
65) n-Nitrosodiphenylamine	15.33	169	429224	9.486	ng		96
66) 4-Bromophenyl-phenylether	16.01	248	193836	9.672	ng	#	89
67) Hexachlorobenzene	16.12	284	216061	9.428	ng		95
68) Atrazine	16.30	200	174559	9.315	ng		97
69) Pentachlorophenol	16.46	266	132082	8.991	ng		100
70) Phenanthrene	16.84	178	782367	9.510	ng		97
71) Anthracene	16.94	178	788440	9.655	ng		97
72) Carbazole	17.22	167	687085	9.553	ng		99
73) Di-n-butylphthalate	17.80	149	808589	9.503	ng	#	97
74) Fluoranthene	18.88	202	969654	9.517	ng		98
76) Benzidine	19.09	184	379136	8.082	ng		98
77) Pyrene	19.24	202	992631	9.768	ng		99
79) Butylbenzylphthalate	20.18	149	318316	8.947	ng	#	68
80) Benzo(a)anthracene	21.01	228	957271	9.425	ng		98
81) 3,3'-Dichlorobenzidine	20.96	252	359351	8.998	ng	#	97
82) Chrysene	21.06	228	912900	9.437	ng		99
83) Bis(2-ethylhexyl)phthalate	20.97	149	466283	9.000	ng	#	93
84) Di-n-octyl phthalate	21.82	149	752695	8.867	ng		99
85) Indeno(1,2,3-cd)pyrene	25.21	276	908031	8.186	ng	#	100
87) Benzo(b)fluoranthene	22.52	252	885728	9.381	ng	#	92
88) Benzo(k)fluoranthene	22.56	252	873566	9.687	ng	#	95
89) Benzo(a)pyrene	23.04	252	813777	9.469	ng	#	95
90) Dibenzo(a,h)anthracene	25.23	278	737794	8.845	ng	#	90
91) Benzo(g,h,i)perylene	25.84	276	725288	8.846	ng	#	82

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

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