Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM072617\
Data File : BM010964.D
Acq On : 26 Jul 2017 10:53
Operator : SJ/JU
Sample : SSTDICC2.5
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTDICC2.5

Quant Time: Jul 26 15:10:35 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	173146	20.00	ng		0.00
21) Naphthalene-d8	10.15	136	686120	20.00	ng		0.00
38) Acenaphthene-d10	14.05	164	495811	20.00	ng		0.00
63) Phenanthrene-d10	16.80	188	1328474	20.00	ng		0.00
75) Chrysene-d12	21.03	240	1719600	20.00	ng		0.00
86) Perylene-d12	23.14	264	1633413	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.03	112	49600	4.75	ng		0.00
7) Phenol-d6	6.58	99	66871	4.64	ng		-0.01
23) Nitrobenzene-d5	8.53	82	84821	4.75	ng		0.00
41) 2,4,6-Tribromophenol	15.55	330	36770	4.85	ng		0.00
44) 2-Fluorobiphenyl	12.66	172	193665	4.86	ng		0.00
78) Terphenyl-d14	19.47	244	406847	4.58	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.03	88	13080	2.836	ng	#	100
3) Pyridine	3.43	79	29163	2.313	ng	#	78
4) n-Nitrosodimethylamine	3.33	42	14679	2.278	ng	#	60
6) Aniline	6.73	93	43682	2.420	ng		97
8) 2-Chlorophenol	6.96	128	23347	2.256	ng		78
10) Phenol	6.61	94	38244	2.510	ng		90
11) bis(2-Chloroethyl)ether	6.84	93	29449	2.510	ng		85
12) 1,3-Dichlorobenzene	7.28	146	32293	2.525	ng	#	79
13) 1,4-Dichlorobenzene	7.43	146	33071	2.506	ng	#	95
14) 1,2-Dichlorobenzene	7.73	146	31639	2.516	ng	#	87
15) Benzyl Alcohol	7.63	79	33700	2.470	ng	#	80
16) 2,2'-oxybis(1-Chloropropan	7.92	45	28081	2.760	ng		71
17) 2-Methylphenol	7.85	107	24097	2.446	ng	#	80
18) Hexachloroethane	8.45	117	14510	2.621	ng		90
19) n-Nitroso-di-n-propylamine	8.19	70	30553	2.677	ng	#	77
20) 3+4-Methylphenols	8.16	107	33525	2.449	ng	#	66
22) Acetophenone	8.21	105	52109	2.522	ng	#	91
24) Nitrobenzene	8.58	77	45937	2.511	ng	#	80
25) Isophorone	9.10	82	74494	2.547	ng	#	83
26) 2-Nitrophenol	9.28	139	13421	2.205	ng	#	19
27) 2,4-Dimethylphenol	9.35	122	24888	2.291	ng	#	61
28) bis(2-Chloroethoxy)methane	9.59	93	44141	2.693	ng	#	92
29) 2,4-Dichlorophenol	9.81	162	27303	2.225	ng		92
30) 1,2,4-Trichlorobenzene	10.02	180	37256	2.483	ng		99
31) Naphthalene	10.20	128	86061	2.467	ng		96
33) 4-Chloroaniline	10.32	127	31847	2.266	ng	#	81
34) Hexachlorobutadiene	10.49	225	28516	2.449	ng		95
35) Caprolactam	11.09	113	8522	2.608	ng	#	87
36) 4-Chloro-3-methylphenol	11.46	107	35416	2.386	ng		89
37) 2-Methylnaphthalene	11.83	142	60811	2.427	ng	#	70
39) 1,2,4,5-Tetrachlorobenzene	12.21	216	51800	2.397	ng	#	100
40) Hexachlorocyclopentadiene	12.19	237	25981	2.097	ng		85
42) 2,4,6-Trichlorophenol	12.46	196	28243	2.122	ng		94
43) 2,4,5-Trichlorophenol	12.53	196	29848	2.272	ng	#	82

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
45) 1,1'-Biphenyl	12.87	154	102273	2.368	ng		89
46) 2-Chloronaphthalene	12.90	162	76231	2.407	ng	#	92
47) 2-Nitroaniline	13.13	65	23323	2.240	ng	#	64
48) Acenaphthylene	13.76	152	104742	2.223	ng		96
49) Dimethylphthalate	13.52	163	108536	2.573	ng	#	96
50) 2,6-Dinitrotoluene	13.64	165	18561	2.243	ng	#	75
51) Acenaphthene	14.12	154	70777	2.459	ng		92
52) 3-Nitroaniline	13.97	138	16843	2.239	ng	#	77
54) Dibenzofuran	14.45	168	116701	2.506	ng	#	90
55) 4-Nitrophenol	14.29	139	14047	2.150	ng	#	8
56) 2,4-Dinitrotoluene	14.43	165	24001	2.091	ng	#	58
57) Fluorene	15.10	166	97833	2.444	ng		88
58) 2,3,4,6-Tetrachlorophenol	14.69	232	28027	2.296	ng	#	100
59) Diethylphthalate	14.90	149	107616	2.583	ng		93
60) 4-Chlorophenyl-phenylether	15.12	204	61814	2.514	ng		93
61) 4-Nitroaniline	15.13	138	18636	2.371	ng	#	1
62) Azobenzene	15.40	77	108108	2.556	ng		89
64) 4,6-Dinitro-2-methylphenol	15.19	198	18989	2.168	ng		88
65) n-Nitrosodiphenylamine	15.33	169	91305	2.402	ng		93
66) 4-Bromophenyl-phenylether	16.01	248	41651	2.474	ng	#	89
67) Hexachlorobenzene	16.11	284	47248	2.454	ng	#	89
68) Atrazine	16.29	200	34396	2.185	ng		93
69) Pentachlorophenol	16.46	266	25460	2.063	ng		89
70) Phenanthrene	16.84	178	167970	2.430	ng		99
71) Anthracene	16.94	178	162715	2.372	ng		99
72) Carbazole	17.22	167	141930	2.349	ng		98
73) Di-n-butylphthalate	17.80	149	161201	2.255	ng	#	99
74) Fluoranthene	18.88	202	214256	2.503	ng		97
77) Pyrene	19.24	202	222710	2.234	ng		97
80) Benzo(a)anthracene	21.01	228	237541	2.384	ng		98
81) 3,3'-Dichlorobenzidine	20.96	252	83141	2.122	ng	#	98
82) Chrysene	21.06	228	238284	2.511	ng		96
83) Bis(2-ethylhexyl)phthalate	20.97	149	107578	2.117	ng		93
84) Di-n-octyl phthalate	21.82	149	188936	2.269	ng		98
85) Indeno(1,2,3-cd)pyrene	25.21	276	267683	2.460	ng	#	100
87) Benzo(b)fluoranthene	22.52	252	237102	2.285	ng	#	92
88) Benzo(k)fluoranthene	22.56	252	234693	2.368	ng	#	96
89) Benzo(a)pyrene	23.04	252	222283	2.354	ng	#	94
90) Dibenzo(a,h)anthracene	25.23	278	230799	2.518	ng	#	95
91) Benzo(g,h,i)perylene	25.83	276	228257	2.533	ng	#	83

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

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