Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA N\DATA\BN040918\
Data File : BN000706.D
Acq On : 09 Apr 2018 09:55
Operator : JU/SJ
Sample : SSTDICC010
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC010

Manual Integrations APPROVED
Sohil
4/10/2018 3:38:05 PM

Quant Time: Apr 09 12:05:11 2018
Quant Method : Z:\HPCHEM1\BNA N\METHODS\8270-BN040918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 09 11:38:45 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.64	152	117156	20.00	ng		0.00
21) Naphthalene-d8	10.40	136	490002	20.00	ng		0.00
38) Acenaphthene-d10	14.27	164	250639	20.00	ng		0.00
63) Phenanthrene-d10	17.02	188	494476	20.00	ng		0.00
75) Chrysene-d12	21.22	240	462223	20.00	ng		0.00
86) Perylene-d12	23.41	264	458151	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.26	112	156532	21.78	ng		0.00
7) Phenol-d6	6.81	99	211789	19.45	ng		0.00
23) Nitrobenzene-d5	8.78	82	170371	20.67	ng		-0.01
41) 2,4,6-Tribromophenol	15.76	330	45479	18.33	ng		0.00
44) 2-Fluorobiphenyl	12.89	172	380206	21.38	ng		0.00
78) Terphenyl-d14	19.66	244	418228	24.43	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.26	88	37925	13.111	ng		94
3) Pyridine	3.63	79	98229	10.910	ng		99
4) n-Nitrosodimethylamine	3.55	42	25196	9.895	ng	#	90
6) Aniline	6.97	93	140562	9.370	ng		93
8) 2-Chlorophenol	7.20	128	81066	9.643	ng		90
9) Benzaldehyde	6.79	77	62487	9.224	ng		96
10) Phenol	6.83	94	113236	9.851	ng		88
11) bis(2-Chloroethyl)ether	7.08	93	93318	9.871	ng		87
12) 1,3-Dichlorobenzene	7.53	146	96303	10.082	ng		97
13) 1,4-Dichlorobenzene	7.68	146	96792	9.923	ng		97
14) 1,2-Dichlorobenzene	7.98	146	93187	9.705	ng		96
15) Benzyl Alcohol	7.87	79	63525	8.117	ng		93
16) 2,2'-oxybis(1-Chloropropan	8.17	45	101487	10.142	ng		82
17) 2-Methylphenol	8.07	107	73029	8.941	ng		96
18) Hexachloroethane	8.70	117	33668	9.915	ng	#	83
19) n-Nitroso-di-n-propylamine	8.43	70	61413	8.417	ng	#	82
20) 3+4-Methylphenols	8.39	107	98848	8.653	ng		93
22) Acetophenone	8.45	105	141358	10.295	ng	#	89
24) Nitrobenzene	8.82	77	97243	10.793	ng	#	95
25) Isophorone	9.34	82	153395	9.004	ng		98
26) 2-Nitrophenol	9.53	139	29711	8.957	ng		94
27) 2,4-Dimethylphenol	9.59	122	65640	8.887	ng		97
28) bis(2-Chloroethoxy)methane	9.83	93	110328	10.098	ng		96
29) 2,4-Dichlorophenol	10.05	162	61437	8.988	ng		98
30) 1,2,4-Trichlorobenzene	10.27	180	80176	10.186	ng		98
31) Naphthalene	10.45	128	269460	10.031	ng		97
32) Benzoic acid	9.66	122	30780	6.657	ng		92
33) 4-Chloroaniline	10.56	127	104045	8.817	ng		98
34) Hexachlorobutadiene	10.75	225	42228	10.346	ng		95
35) Caprolactam	11.30	113	15041	5.397	ng		97
36) 4-Chloro-3-methylphenol	11.69	107	71650	8.257	ng		99
37) 2-Methylnaphthalene	12.07	142	172878	9.249	ng		96
39) 1,2,4,5-Tetrachlorobenzene	12.44	216	78303	10.584	ng	#	96
40) Hexachlorocyclopentadiene	12.43	237	37630	12.202	ng		91

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	12.69	196	42561	9.599	ng		99
43) 2,4,5-Trichlorophenol	12.75	196	51906	9.738	ng	#	92
45) 1,1'-Biphenyl	13.10	154	229363	10.390	ng		95
46) 2-Chloronaphthalene	13.13	162	172692	10.426	ng		98
47) 2-Nitroaniline	13.33	65	33070	7.379	ng		97
48) Acenaphthylene	13.99	152	265572	9.952	ng		98
49) Dimethylphthalate	13.73	163	198917	9.494	ng		98
50) 2,6-Dinitrotoluene	13.84	165	34233	7.915	ng		92
51) Acenaphthene	14.33	154	167290	9.631	ng		99
52) 3-Nitroaniline	14.17	138	38734	7.367	ng	#	94
53) 2,4-Dinitrophenol	14.37	184	11693	9.563	ng		96
54) Dibenzofuran	14.67	168	243923	9.915	ng		97
55) 4-Nitrophenol	14.47	139	29193	7.686	ng		91
56) 2,4-Dinitrotoluene	14.63	165	42293	7.317	ng		95
57) Fluorene	15.32	166	194259	9.671	ng		97
58) 2,3,4,6-Tetrachlorophenol	14.89	232	39655m	9.427	ng		
59) Diethylphthalate	15.11	149	188753	8.865	ng		97
60) 4-Chlorophenyl-phenylether	15.32	204	90992	9.940	ng	#	90
61) 4-Nitroaniline	15.33	138	36892	6.829	ng		95
62) Azobenzene	15.62	77	214214	10.107	ng		89
64) 4,6-Dinitro-2-methylphenol	15.39	198	20374	9.929	ng		87
65) n-Nitrosodiphenylamine	15.53	169	163154	10.140	ng		97
66) 4-Bromophenyl-phenylether	16.22	248	48127	10.235	ng	#	86
67) Hexachlorobenzene	16.32	284	55998	10.197	ng	#	91
68) Atrazine	16.49	200	43410	8.290	ng		95
69) Pentachlorophenol	16.66	266	30276	9.260	ng		95
70) Phenanthrene	17.06	178	294775	10.092	ng		99
71) Anthracene	17.15	178	280036	9.902	ng		98
72) Carbazole	17.42	167	267535	9.390	ng		97
73) Di-n-butylphthalate	18.01	149	245883	7.817	ng	#	98
74) Fluoranthene	19.08	202	288527	9.416	ng		94
76) Benzidine	19.27	184	115179	7.817	ng		98
77) Pyrene	19.45	202	316354	10.769	ng		99
79) Butylbenzylphthalate	20.38	149	85465	6.718	ng		91
80) Benzo(a)anthracene	21.20	228	295877	10.414	ng		98
81) 3,3'-Dichlorobenzidine	21.15	252	72871	6.983	ng	#	96
82) Chrysene	21.26	228	290625	10.265	ng		98
83) Bis(2-ethylhexyl)phthalate	21.17	149	150128	7.708	ng	#	94
84) Di-n-octyl phthalate	22.05	149	190775	6.389	ng		98
85) Indeno(1,2,3-cd)pyrene	26.25	276	244572	7.032	ng	#	90
87) Benzo(b)fluoranthene	22.76	252	270363	10.082	ng	#	95
88) Benzo(k)fluoranthene	22.80	252	274407	10.160	ng	#	95
89) Benzo(a)pyrene	23.32	252	240702	9.360	ng	#	93
90) Dibenzo(a,h)anthracene	25.61	278	251603	9.356	ng	#	90
91) Benzo(g,h,i)perylene	26.25	276	244572	8.993	ng	#	87

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

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