Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG101617\
Data File : BG029268.D
Acq On : 16 Oct 2017 11:21
Operator : SJ/JU
Sample : SSTDICC2.5
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDICC2.5

Manual Integrations APPROVED
Sohil
10/17/2017 5:04:04 PM

Quant Time: Oct 16 16:02:19 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG101617.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 16 14:33:46 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	60078	20.00	ng		0.00
21) Naphthalene-d8	10.99	136	284540	20.00	ng		0.00
38) Acenaphthene-d10	14.79	164	180561	20.00	ng		0.00
63) Phenanthrene-d10	17.53	188	403203	20.00	ng		0.00
75) Chrysene-d12	21.80	240	415046	20.00	ng		0.00
86) Perylene-d12	25.12	264	424021	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.72	112	18793	4.76	ng		0.00
7) Phenol-d6	7.32	99	26261	4.46	ng		0.00
23) Nitrobenzene-d5	9.33	82	21586	4.95	ng		0.00
41) 2,4,6-Tribromophenol	16.27	330	10813	4.55	ng		0.00
44) 2-Fluorobiphenyl	13.42	172	69655	5.57	ng		0.00
78) Terphenyl-d14	20.12	244	104182	5.20	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.59	88	3739	2.265	ng	#	82
3) Pyridine	4.00	79	10900	2.391	ng		89
4) n-Nitrosodimethylamine	3.91	42	5235	2.520	ng	#	72
6) Aniline	7.49	93	16082	2.242	ng		92
8) 2-Chlorophenol	7.74	128	10867	2.503	ng		88
10) Phenol	7.35	94	14087	2.252	ng		92
11) bis(2-Chloroethyl)ether	7.58	93	9632	2.051	ng		91
12) 1,3-Dichlorobenzene	8.06	146	12345	2.581	ng		96
13) 1,4-Dichlorobenzene	8.21	146	12508	2.573	ng		93
14) 1,2-Dichlorobenzene	8.53	146	12607	2.660	ng	#	90
17) 2-Methylphenol	8.61	107	9499	2.347	ng		98
18) Hexachloroethane	9.27	117	3994	2.512	ng		96
19) n-Nitroso-di-n-propylamine	8.97	70	9004	2.107	ng	#	96
20) 3+4-Methylphenols	8.93	107	13045	2.278	ng		90
22) Acetophenone	8.99	105	18232	2.279	ng	#	94
24) Nitrobenzene	9.37	77	12412	2.537	ng		96
26) 2-Nitrophenol	10.09	139	5137	3.059	ng		90
27) 2,4-Dimethylphenol	10.15	122	11021	2.331	ng		90
28) bis(2-Chloroethoxy)methane	10.38	93	15030	2.214	ng		93
29) 2,4-Dichlorophenol	10.63	162	11855	2.626	ng		95
30) 1,2,4-Trichlorobenzene	10.85	180	13246	2.630	ng		98
31) Naphthalene	11.04	128	38762	2.580	ng		98
32) Benzoic acid	10.20	122	6939	2.366	ng	#	74
33) 4-Chloroaniline	11.14	127	15078	2.322	ng		97
34) Hexachlorobutadiene	11.33	225	8313	2.581	ng		91
36) 4-Chloro-3-methylphenol	12.25	107	13134	2.170	ng		100
37) 2-Methylnaphthalene	12.64	142	27756	2.531	ng	#	96
39) 1,2,4,5-Tetrachlorobenzene	12.99	216	17718	2.787	ng		95
42) 2,4,6-Trichlorophenol	13.23	196	10299	2.650	ng		90
43) 2,4,5-Trichlorophenol	13.30	196	10068	2.499	ng	#	88
45) 1,1'-Biphenyl	13.63	154	41498	2.607	ng		95
46) 2-Chloronaphthalene	13.68	162	30172	2.775	ng		96
47) 2-Nitroaniline	13.86	65	6061	2.177	ng		88
48) Acenaphthylene	14.52	152	47161	2.620	ng		95

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
49) Dimethylphthalate	14.23	163	35801	2.278	ng		98
50) 2,6-Dinitrotoluene	14.35	165	5778	2.359	ng	#	84
51) Acenaphthene	14.86	154	29510	2.467	ng		98
52) 3-Nitroaniline	14.68	138	6806	2.634	ng	#	81
54) Dibenzofuran	15.19	168	44586	2.567	ng		97
55) 4-Nitrophenol	14.98	139	5150	2.238	ng		86
56) 2,4-Dinitrotoluene	15.14	165	7630	2.453	ng	#	88
57) Fluorene	15.83	166	35625	2.296	ng		97
58) 2,3,4,6-Tetrachlorophenol	15.41	232	8370	2.304	ng	#	96
59) Diethylphthalate	15.59	149	35857	2.237	ng		98
60) 4-Chlorophenyl-phenylether	15.82	204	18864	2.444	ng		98
61) 4-Nitroaniline	15.83	138	7416	2.665	ng		86
62) Azobenzene	16.11	77	30348	2.118	ng		96
65) n-Nitrosodiphenylamine	16.03	169	32109	2.698	ng		97
66) 4-Bromophenyl-phenylether	16.71	248	11839	2.644	ng		94
67) Hexachlorobenzene	16.84	284	13786	2.863	ng		99
68) Atrazine	16.97	200	11190	2.406	ng		98
70) Phenanthrene	17.57	178	56499	2.649	ng		97
71) Anthracene	17.66	178	55727	2.563	ng		97
72) Carbazole	17.92	167	53442	2.596	ng		97
73) Di-n-butylphthalate	18.47	149	58322	2.452	ng		98
74) Fluoranthene	19.57	202	64455	2.561	ng		98
77) Pyrene	19.93	202	69017	2.547	ng		99
79) Butylbenzylphthalate	20.80	149	27212	2.569	ng		89
80) Benzo(a)anthracene	21.78	228	65179	2.535	ng		99
81) 3,3'-Dichlorobenzidine	21.69	252	27380	2.791	ng		93
82) Chrysene	21.85	228	64351	2.594	ng		99
83) Bis(2-ethylhexyl)phthalate	21.68	149	42286	2.699	ng		95
84) Di-n-octyl phthalate	22.92	149	70590	2.575	ng		99
85) Indeno(1,2,3-cd)pyrene	28.90	276	71558	2.333	ng	#	100
87) Benzo(b)fluoranthene	24.06	252	63905	2.639	ng		99
88) Benzo(k)fluoranthene	24.12	252	63711	2.702	ng	#	96
89) Benzo(a)pyrene	24.95	252	61582	2.677	ng	#	97
90) Dibenzo(a,h)anthracene	28.96	278	58702	2.569	ng		97
91) Benzo(g,h,i)perylene	30.10	276	55721	2.434	ng		98

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

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