Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG122117\
Data File : BG031669.D
Acq On : 21 Dec 2017 12:17
Operator : SJ/JU
Sample : SSTDICC060
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDICC060

Manual Integrations APPROVED
Sohil
12/22/2017 12:43:58 PM

Quant Time: Dec 21 13:26:34 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG122117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 21 12:17:35 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.83	152	59525m	20.00	ng		0.00
21) Naphthalene-d8	11.72	136	254615	20.00	ng		0.00
38) Acenaphthene-d10	15.47	164	173374	20.00	ng		0.00
63) Phenanthrene-d10	18.20	188	413999	20.00	ng		0.00
75) Chrysene-d12	22.57	240	445264	20.00	ng		0.00
86) Perylene-d12	26.36	264	483881	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	6.25	112	388109	115.57	ng		0.00
7) Phenol-d6	7.93	99	502337	107.75	ng		0.00
23) Nitrobenzene-d5	10.03	82	428071	103.63	ng		0.00
41) 2,4,6-Tribromophenol	16.94	330	321233	158.15	ng		0.00
44) 2-Fluorobiphenyl	14.10	172	1539253	130.32	ng		0.00
78) Terphenyl-d14	20.74	244	2135749	109.13	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.90	88	68103	42.502	ng	#	70
3) Pyridine	4.35	79	202237	47.937	ng	#	77
4) n-Nitrosodimethylamine	4.26	42	79567	40.041	ng	#	77
6) Aniline	8.13	93	322727	52.565	ng		93
8) 2-Chlorophenol	8.38	128	224296	59.878	ng		82
9) Benzaldehyde	7.93	77	136757m	50.608	ng		
10) Phenol	7.96	94	252261	52.673	ng		92
11) bis(2-Chloroethyl)ether	8.22	93	205230	52.505	ng	#	82
12) 1,3-Dichlorobenzene	8.72	146	277887m	62.382	ng		
13) 1,4-Dichlorobenzene	8.87	146	281860m	60.881	ng		
14) 1,2-Dichlorobenzene	9.21	146	265821	60.275	ng		96
15) Benzyl Alcohol	9.07	79	196268	53.818	ng		90
16) 2,2'-oxybis(1-Chloropropan	9.37	45	173180	39.437	ng		85
17) 2-Methylphenol	9.27	107	180875	55.405	ng		96
18) Hexachloroethane	9.96	117	85247	54.625	ng	#	84
19) n-Nitroso-di-n-propylamine	9.66	70	169908m	46.304	ng		
20) 3+4-Methylphenols	9.61	107	258282	53.109	ng		93
22) Acetophenone	9.68	105	343790	56.283	ng	#	87
24) Nitrobenzene	10.08	77	220859	52.176	ng	#	83
25) Isophorone	10.60	82	427639	54.778	ng	#	87
26) 2-Nitrophenol	10.80	139	122288	58.423	ng	#	84
27) 2,4-Dimethylphenol	10.84	122	223872	70.407	ng		90
28) bis(2-Chloroethoxy)methane	11.09	93	285609	56.668	ng	#	96
29) 2,4-Dichlorophenol	11.35	162	269188	71.856	ng		91
30) 1,2,4-Trichlorobenzene	11.57	180	320251	66.924	ng		98
31) Naphthalene	11.77	128	751302	60.063	ng		99
32) Benzoic acid	10.98	122	159815	94.869	ng	#	79
33) 4-Chloroaniline	11.86	127	331526	61.041	ng	#	91
34) Hexachlorobutadiene	12.04	225	217801	68.617	ng		94
35) Caprolactam	12.63	113	80309	54.594	ng	#	50
36) 4-Chloro-3-methylphenol	12.93	107	245767	57.474	ng	#	80
37) 2-Methylnaphthalene	13.33	142	602813	62.242	ng		92
39) 1,2,4,5-Tetrachlorobenzene	13.68	216	425843	62.847	ng	#	96
40) Hexachlorocyclopentadiene	13.66	237	236920	150.094	ng		92

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.91	196	256549	74.107	ng		98
43) 2,4,5-Trichlorophenol	13.98	196	279216	74.874	ng	#	90
45) 1,1'-Biphenyl	14.31	154	855812	60.100	ng		95
46) 2-Chloronaphthalene	14.36	162	655797	62.922	ng		95
47) 2-Nitroaniline	14.54	65	128845	43.994	ng	#	60
48) Acenaphthylene	15.20	152	1035403	61.740	ng		99
49) Dimethylphthalate	14.91	163	878372	61.196	ng	#	98
50) 2,6-Dinitrotoluene	15.02	165	181727	59.233	ng	#	65
51) Acenaphthene	15.53	154	687056	64.792	ng		98
52) 3-Nitroaniline	15.35	138	170291	54.450	ng	#	73
53) 2,4-Dinitrophenol	15.55	184	71523	71.318	ng	#	1
54) Dibenzofuran	15.86	168	1034578	61.140	ng		98
55) 4-Nitrophenol	15.62	139	141194	73.407	ng	#	67
56) 2,4-Dinitrotoluene	15.80	165	237767	54.564	ng	#	65
57) Fluorene	16.50	166	826678	60.971	ng		97
58) 2,3,4,6-Tetrachlorophenol	16.07	232	271612	77.488	ng	#	85
59) Diethylphthalate	16.25	149	843422	58.622	ng		95
60) 4-Chlorophenyl-phenylether	16.49	204	517074	62.334	ng		93
61) 4-Nitroaniline	16.51	138	171959	52.394	ng		78
62) Azobenzene	16.78	77	553722	46.460	ng		83
64) 4,6-Dinitro-2-methylphenol	16.56	198	126406	54.518	ng	#	68
65) n-Nitrosodiphenylamine	16.70	169	802180	66.198	ng		100
66) 4-Bromophenyl-phenylether	17.38	248	360448	74.873	ng		94
67) Hexachlorobenzene	17.50	284	369051	74.239	ng	#	89
68) Atrazine	17.63	200	312158	70.451	ng		95
69) Pentachlorophenol	17.84	266	272579	131.267	ng		98
70) Phenanthrene	18.25	178	1340636	62.005	ng		97
71) Anthracene	18.34	178	1354055	63.321	ng		98
72) Carbazole	18.59	167	1201379	62.082	ng		98
73) Di-n-butylphthalate	19.11	149	1322018	59.158	ng		98
74) Fluoranthene	20.21	202	1591511	58.817	ng		95
76) Benzidine	20.36	184	751847	72.557	ng	#	95
77) Pyrene	20.56	202	1609789	58.185	ng		95
79) Butylbenzylphthalate	21.45	149	582758	60.042	ng	#	74
80) Benzo(a)anthracene	22.55	228	1650101	61.398	ng		97
81) 3,3'-Dichlorobenzidine	22.43	252	641511	68.584	ng	#	96
82) Chrysene	22.63	228	1551419	60.215	ng		97
83) Bis(2-ethylhexyl)phthalate	22.41	149	827969	59.294	ng	#	97
84) Di-n-octyl phthalate	23.85	149	1413155	61.352	ng	#	88
85) Indeno(1,2,3-cd)pyrene	30.78	276	2107986	76.557	ng	#	86
87) Benzo(b)fluoranthene	25.15	252	1774916	61.354	ng	#	98
88) Benzo(k)fluoranthene	25.23	252	1733278	58.711	ng	#	96
89) Benzo(a)pyrene	26.19	252	1694429	61.744	ng	#	98
90) Dibenzo(a,h)anthracene	30.88	278	1766987	67.332	ng		97
91) Benzo(g,h,i)perylene	30.78	276	2107986	81.705	ng	#	94

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

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