Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA G\DATA\BG111017\
Data File : BG030908.D
Acq On : 10 Nov 2017 14:54
Operator : SJ/JU
Sample : SSTDICC080
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED
SOHIL
11/13/2017 4:44:58 PM

Quant Time: Nov 10 15:28:53 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG111017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 10 13:42:58 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.15	152	46577	20.00	ng		0.00
21) Naphthalene-d8	10.96	136	212626	20.00	ng		0.00
38) Acenaphthene-d10	14.77	164	144770	20.00	ng		0.00
63) Phenanthrene-d10	17.51	188	362522	20.00	ng		0.00
75) Chrysene-d12	21.79	240	387400	20.00	ng		0.00
86) Perylene-d12	25.10	264	392416	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.70	112	422107	151.39	ng		0.00
7) Phenol-d6	7.32	99	572449	146.27	ng		0.01
23) Nitrobenzene-d5	9.32	82	572116	170.99	ng		0.00
41) 2,4,6-Tribromophenol	16.26	330	364223	194.86	ng		0.00
44) 2-Fluorobiphenyl	13.39	172	1498185	151.78	ng		0.00
78) Terphenyl-d14	20.10	244	2537919	149.03	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.56	88	83514	73.825	ng		85
3) Pyridine	3.97	79	256933	77.994	ng		93
4) n-Nitrosodimethylamine	3.88	42	121958	79.199	ng	#	94
6) Aniline	7.47	93	376377	77.666	ng		96
8) 2-Chlorophenol	7.71	128	234706	73.441	ng		90
9) Benzaldehyde	7.28	77	185983	94.483	ng		88
10) Phenol	7.34	94	297553	70.524	ng		94
11) bis(2-Chloroethyl)ether	7.56	93	240155	78.124	ng		90
12) 1,3-Dichlorobenzene	8.04	146	272281	75.887	ng		96
13) 1,4-Dichlorobenzene	8.18	146	276678	75.528	ng		96
14) 1,2-Dichlorobenzene	8.51	146	264425	74.837	ng		99
15) Benzyl Alcohol	8.39	79	240889	87.344	ng		93
16) 2,2'-oxybis(1-Chloropropan	8.67	45	267859	51.309	ng		91
17) 2-Methylphenol	8.59	107	208678	74.454	ng		96
18) Hexachloroethane	9.23	117	97157	77.827	ng		96
19) n-Nitroso-di-n-propylamine	8.95	70	218577	82.141	ng	#	96
20) 3+4-Methylphenols	8.93	107	299626	75.870	ng		92
22) Acetophenone	8.98	105	413897	80.773	ng	#	94
24) Nitrobenzene	9.36	77	292561	77.766	ng		93
25) Isophorone	9.89	82	546978	78.307	ng	#	91
26) 2-Nitrophenol	10.07	139	159940	88.952	ng	#	88
27) 2,4-Dimethylphenol	10.13	122	226358	69.581	ng		92
28) bis(2-Chloroethoxy)methane	10.36	93	343382	80.170	ng		96
29) 2,4-Dichlorophenol	10.61	162	277246	79.918	ng		93
30) 1,2,4-Trichlorobenzene	10.83	180	323068	86.201	ng		96
31) Naphthalene	11.01	128	809835	76.422	ng		99
32) Benzoic acid	10.32	122	200060	73.446	ng		86
33) 4-Chloroaniline	11.12	127	364830	81.846	ng		96
34) Hexachlorobutadiene	11.29	225	225863	96.927	ng		97
35) Caprolactam	11.92	113	104603m	90.728	ng		
36) 4-Chloro-3-methylphenol	12.24	107	287672	75.396	ng	#	89
37) 2-Methylnaphthalene	12.61	142	627970	81.309	ng		94
39) 1,2,4,5-Tetrachlorobenzene	12.98	216	452160	85.546	ng		97
40) Hexachlorocyclopentadiene	12.95	237	176116	98.632	ng		92

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.21	196	265973	80.160	ng		98
43) 2,4,5-Trichlorophenol	13.29	196	283402	83.168	ng	#	94
45) 1,1'-Biphenyl	13.61	154	916698	73.669	ng		95
46) 2-Chloronaphthalene	13.65	162	674525	74.316	ng		97
47) 2-Nitroaniline	13.85	65	209680	84.106	ng	#	84
48) Acenaphthylene	14.49	152	1081497	76.135	ng		98
49) Dimethylphthalate	14.22	163	935877	82.855	ng		98
50) 2,6-Dinitrotoluene	14.35	165	203153	85.796	ng	#	81
51) Acenaphthene	14.83	154	680907	73.673	ng		98
52) 3-Nitroaniline	14.68	138	216102	84.577	ng	#	79
53) 2,4-Dinitrophenol	14.89	184	115236	104.384	ng	#	49
54) Dibenzofuran	15.17	168	1057309	80.135	ng		97
55) 4-Nitrophenol	15.00	139	161219	76.535	ng	#	78
56) 2,4-Dinitrotoluene	15.13	165	295523	92.196	ng	#	76
57) Fluorene	15.81	166	851706	78.141	ng		98
58) 2,3,4,6-Tetrachlorophenol	15.39	232	270745	95.234	ng		90
59) Diethylphthalate	15.57	149	941805	83.665	ng		97
60) 4-Chlorophenyl-phenylether	15.80	204	526345	90.572	ng		93
61) 4-Nitroaniline	15.84	138	226101	86.178	ng		88
62) Azobenzene	16.09	77	740429	78.001	ng		94
64) 4,6-Dinitro-2-methylphenol	15.90	198	206312	108.121	ng		79
65) n-Nitrosodiphenylamine	16.01	169	836869	77.062	ng		99
66) 4-Bromophenyl-phenylether	16.69	248	359168	86.341	ng		95
67) Hexachlorobenzene	16.82	284	383704	81.431	ng		94
68) Atrazine	16.95	200	335358	86.547	ng		97
69) Pentachlorophenol	17.17	266	235243	86.908	ng		99
70) Phenanthrene	17.55	178	1397360	74.613	ng		97
71) Anthracene	17.64	178	1393069	74.078	ng		97
72) Carbazole	17.91	167	1298522	71.882	ng		96
73) Di-n-butylphthalate	18.45	149	1557552	74.967	ng		98
74) Fluoranthene	19.55	202	1731844	79.062	ng		96
76) Benzidine	19.72	184	994934	85.059	ng	#	94
77) Pyrene	19.92	202	1772551	75.426	ng		94
79) Butylbenzylphthalate	20.78	149	707574	70.672	ng	#	84
80) Benzo(a)anthracene	21.77	228	1797364	79.022	ng		96
81) 3,3'-Dichlorobenzidine	21.67	252	737311	78.537	ng		96
82) Chrysene	21.84	228	1691035	77.633	ng		95
83) Bis(2-ethylhexyl)phthalate	21.64	149	975006	67.855	ng		99
84) Di-n-octyl phthalate	22.88	149	1623359	64.824	ng		96
85) Indeno(1,2,3-cd)pyrene	28.92	276	2146239	80.089	ng	#	53
87) Benzo(b)fluoranthene	24.05	252	1808071	80.480	ng		96
88) Benzo(k)fluoranthene	24.12	252	1818152	81.233	ng		96
89) Benzo(a)pyrene	24.95	252	1739325	80.532	ng		99
90) Dibenzo(a,h)anthracene	28.99	278	1819413	83.209	ng		96
91) Benzo(g,h,i)perylene	30.13	276	1759012	86.582	ng		96

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

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