Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA G\DATA\BG110217\
Data File : BG030683.D
Acq On : 3 Nov 2017 4:15
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
11/3/2017 1:25:02 PM

Quant Time: Nov 03 05:19:49 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG101617.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 01 17:41:24 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.15	152	65066	20.00	ng		0.00
21) Naphthalene-d8	10.97	136	316665	20.00	ng		0.00
38) Acenaphthene-d10	14.77	164	208674	20.00	ng		0.00
63) Phenanthrene-d10	17.51	188	493980	20.00	ng		0.00
75) Chrysene-d12	21.78	240	530481	20.00	ng		0.00
86) Perylene-d12	25.09	264	550591	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.71	112	319001	81.90	ng		0.00
7) Phenol-d6	7.31	99	447463	81.85	ng		-0.01
23) Nitrobenzene-d5	9.32	82	421067	84.50	ng		0.00
41) 2,4,6-Tribromophenol	16.25	330	241737	89.73	ng		0.00
44) 2-Fluorobiphenyl	13.40	172	1139749	80.11	ng		0.00
78) Terphenyl-d14	20.10	244	1781946	76.42	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.57	88	63965	40.477	ng		86
3) Pyridine	3.97	79	201487	43.783	ng		89
4) n-Nitrosodimethylamine	3.89	42	85432	39.714	ng	#	87
6) Aniline	7.47	93	282296	41.699	ng		95
8) 2-Chlorophenol	7.72	128	173072	38.767	ng		91
9) Benzaldehyde	7.28	77	129242	47.000	ng		87
10) Phenol	7.34	94	228699	38.802	ng		91
11) bis(2-Chloroethyl)ether	7.56	93	176881	41.190	ng		93
12) 1,3-Dichlorobenzene	8.04	146	197101	39.324	ng		97
13) 1,4-Dichlorobenzene	8.19	146	199364	38.958	ng		94
14) 1,2-Dichlorobenzene	8.51	146	192459	38.992	ng		95
15) Benzyl Alcohol	8.39	79	168664	43.778	ng		89
16) 2,2'-oxybis(1-Chloropropan	8.68	45	242450m	33.245	ng		
17) 2-Methylphenol	8.59	107	156805	40.049	ng		96
18) Hexachloroethane	9.24	117	67890	38.930	ng		97
19) n-Nitroso-di-n-propylamine	8.95	70	162758	43.784	ng	#	97
20) 3+4-Methylphenols	8.92	107	226258	41.012	ng		94
22) Acetophenone	8.97	105	307702	40.320	ng	#	93
24) Nitrobenzene	9.36	77	211686	37.782	ng		92
25) Isophorone	9.89	82	395912	38.058	ng	#	92
26) 2-Nitrophenol	10.07	139	109333	40.829	ng		90
27) 2,4-Dimethylphenol	10.13	122	172015	35.504	ng		92
28) bis(2-Chloroethoxy)methane	10.36	93	261603	41.010	ng		97
29) 2,4-Dichlorophenol	10.61	162	205293	39.735	ng		91
30) 1,2,4-Trichlorobenzene	10.83	180	224967	40.304	ng		97
31) Naphthalene	11.02	128	615836	39.022	ng		97
32) Benzoic acid	10.27	122	154537	38.094	ng		85
33) 4-Chloroaniline	11.12	127	274943	41.416	ng		95
34) Hexachlorobutadiene	11.30	225	142473	41.054	ng		97
35) Caprolactam	11.89	113	74575	43.431	ng	#	76
36) 4-Chloro-3-methylphenol	12.24	107	216991	38.186	ng	#	90
37) 2-Methylnaphthalene	12.61	142	475042	41.300	ng		94
39) 1,2,4,5-Tetrachlorobenzene	12.98	216	304058	39.909	ng		98
40) Hexachlorocyclopentadiene	12.96	237	121774	44.395	ng		91

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.21	196	183078	38.279	ng		96
43) 2,4,5-Trichlorophenol	13.29	196	203834	41.499	ng		97
45) 1,1'-Biphenyl	13.61	154	704225	39.263	ng		97
46) 2-Chloronaphthalene	13.66	162	502505	38.409	ng		96
47) 2-Nitroaniline	13.85	65	148505	41.326	ng	#	84
48) Acenaphthylene	14.50	152	828240	40.451	ng		98
49) Dimethylphthalate	14.22	163	670933	41.209	ng		99
50) 2,6-Dinitrotoluene	14.34	165	148689	43.565	ng	#	78
51) Acenaphthene	14.84	154	516996	38.808	ng		98
52) 3-Nitroaniline	14.67	138	157820	42.852	ng	#	77
53) 2,4-Dinitrophenol	14.88	184	60473	36.140	ng	#	50
54) Dibenzofuran	15.17	168	806859	42.426	ng		100
55) 4-Nitrophenol	14.98	139	119877	39.481	ng	#	77
56) 2,4-Dinitrotoluene	15.13	165	204354	44.230	ng	#	78
57) Fluorene	15.81	166	638047	40.612	ng		96
58) 2,3,4,6-Tetrachlorophenol	15.39	232	179178	43.725	ng	#	94
59) Diethylphthalate	15.57	149	671866	41.407	ng		98
60) 4-Chlorophenyl-phenylether	15.80	204	367715	43.898	ng		94
61) 4-Nitroaniline	15.83	138	161863	42.801	ng		88
62) Azobenzene	16.10	77	566701	41.417	ng		95
64) 4,6-Dinitro-2-methylphenol	15.89	198	117816	42.572	ng		83
65) n-Nitrosodiphenylamine	16.01	169	601806	40.669	ng		99
66) 4-Bromophenyl-phenylether	16.69	248	232481	41.014	ng		99
67) Hexachlorobenzene	16.82	284	251493	39.169	ng		97
68) Atrazine	16.95	200	224852	42.586	ng		99
69) Pentachlorophenol	17.16	266	157160	42.610	ng		99
70) Phenanthrene	17.55	178	1016117	39.818	ng		97
71) Anthracene	17.65	178	1027654	40.104	ng		99
72) Carbazole	17.91	167	959395	38.975	ng		99
73) Di-n-butylphthalate	18.45	149	1132103	39.989	ng		99
74) Fluoranthene	19.55	202	1232432	41.290	ng		97
76) Benzidine	19.72	184	653436	40.796	ng		97
77) Pyrene	19.91	202	1266129	39.345	ng		96
79) Butylbenzylphthalate	20.78	149	520759	37.984	ng		87
80) Benzo(a)anthracene	21.77	228	1262156	40.524	ng		98
81) 3,3'-Dichlorobenzidine	21.67	252	521080	40.534	ng		97
82) Chrysene	21.84	228	1186412	39.776	ng		97
83) Bis(2-ethylhexyl)phthalate	21.65	149	739875	37.603	ng		97
84) Di-n-octyl phthalate	22.89	149	1263691	36.851	ng		95
85) Indeno(1,2,3-cd)pyrene	28.89	276	1528955	41.666	ng	#	91
87) Benzo(b)fluoranthene	24.05	252	1293677	41.041	ng		99
88) Benzo(k)fluoranthene	24.11	252	1284292	40.896	ng		99
89) Benzo(a)pyrene	24.94	252	1240408	40.933	ng		98
90) Dibenzo(a,h)anthracene	28.95	278	1281600	41.774	ng		98
91) Benzo(g,h,i)perylene	30.07	276	1246214	43.719	ng		97

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

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