Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA G\DATA\BG091017\
Data File : BG028616.D
Acq On : 9 Sep 2017 15:41
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
9/11/2017 2:41:59 PM

Quant Time: Sep 11 07:40:45 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG090717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 07 18:39:50 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.34	152	36125	20.00	ng		0.00
21) Naphthalene-d8	11.16	136	154219	20.00	ng		0.00
38) Acenaphthene-d10	14.95	164	111441	20.00	ng		0.00
63) Phenanthrene-d10	17.70	188	289471	20.00	ng		0.00
75) Chrysene-d12	22.03	240	330382	20.00	ng		0.00
86) Perylene-d12	25.53	264	313231	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.91	112	172307	80.31	ng		0.00
7) Phenol-d6	7.49	99	251585	80.84	ng		0.00
23) Nitrobenzene-d5	9.51	82	265598	79.08	ng		0.00
41) 2,4,6-Tribromophenol	16.44	330	136581	80.64	ng		0.00
44) 2-Fluorobiphenyl	13.57	172	658825	77.34	ng		0.00
78) Terphenyl-d14	20.28	244	1198371	78.15	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.85	88	34363	39.155	ng	#	95
3) Pyridine	4.25	79	103999	38.162	ng		91
4) n-Nitrosodimethylamine	4.16	42	46339	35.681	ng	#	72
6) Aniline	7.66	93	161348	40.495	ng		99
8) 2-Chlorophenol	7.90	128	96085	39.673	ng		92
9) Benzaldehyde	7.48	77	71729	39.059	ng		90
10) Phenol	7.51	94	137072	40.663	ng		93
11) bis(2-Chloroethyl)ether	7.74	93	97790	39.455	ng		95
12) 1,3-Dichlorobenzene	8.23	146	109794	38.712	ng		94
13) 1,4-Dichlorobenzene	8.37	146	111816	39.985	ng		94
14) 1,2-Dichlorobenzene	8.70	146	109842	39.971	ng		96
15) Benzyl Alcohol	8.57	79	102241	41.445	ng		93
16) 2,2'-oxybis(1-Chloropropan	8.84	45	194847	38.130	ng		100
17) 2-Methylphenol	8.77	107	87033	40.259	ng		93
18) Hexachloroethane	9.42	117	40477	36.843	ng		87
19) n-Nitroso-di-n-propylamine	9.13	70	97384	39.575	ng		94
20) 3+4-Methylphenols	9.10	107	125801	42.028	ng		92
22) Acetophenone	9.16	105	169916	39.660	ng	#	90
24) Nitrobenzene	9.55	77	137737	38.820	ng		92
25) Isophorone	10.06	82	248409	40.168	ng		98
26) 2-Nitrophenol	10.26	139	59899	40.708	ng		89
27) 2,4-Dimethylphenol	10.31	122	106326	40.009	ng		98
28) bis(2-Chloroethoxy)methane	10.54	93	145489	39.421	ng		95
29) 2,4-Dichlorophenol	10.80	162	106366	40.767	ng		96
30) 1,2,4-Trichlorobenzene	11.02	180	128120	39.907	ng		98
31) Naphthalene	11.21	128	337191	40.280	ng		98
32) Benzoic acid	10.46	122	74307	44.379	ng		89
33) 4-Chloroaniline	11.31	127	144557	40.964	ng		93
34) Hexachlorobutadiene	11.47	225	91490	39.439	ng		99
35) Caprolactam	12.09	113	39488	39.984	ng		98
36) 4-Chloro-3-methylphenol	12.41	107	139361	41.951	ng		97
37) 2-Methylnaphthalene	12.78	142	251502	40.747	ng		94
39) 1,2,4,5-Tetrachlorobenzene	13.15	216	163266	37.718	ng	#	98
40) Hexachlorocyclopentadiene	13.12	237	55067	34.834	ng		94

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.39	196	106887	38.656	ng		95
43) 2,4,5-Trichlorophenol	13.47	196	107238	38.810	ng	#	92
45) 1,1'-Biphenyl	13.78	154	360216	38.498	ng		97
46) 2-Chloronaphthalene	13.83	162	273532	38.488	ng		99
47) 2-Nitroaniline	14.04	65	109498	37.790	ng		90
48) Acenaphthylene	14.67	152	421121	38.638	ng		99
49) Dimethylphthalate	14.39	163	359416	39.143	ng		99
50) 2,6-Dinitrotoluene	14.52	165	80910	40.222	ng	#	78
51) Acenaphthene	15.01	154	264572	39.639	ng		97
52) 3-Nitroaniline	14.85	138	81971	40.346	ng		96
53) 2,4-Dinitrophenol	15.06	184	44876	38.970	ng		96
54) Dibenzofuran	15.34	168	412004	39.934	ng		95
55) 4-Nitrophenol	15.16	139	54444	37.607	ng		86
56) 2,4-Dinitrotoluene	15.31	165	118166	40.759	ng	#	84
57) Fluorene	15.99	166	370449	39.280	ng		96
58) 2,3,4,6-Tetrachlorophenol	15.58	232	100690	40.802	ng	#	94
59) Diethylphthalate	15.74	149	373538	38.826	ng		97
60) 4-Chlorophenyl-phenylether	15.98	204	208496	39.144	ng		89
61) 4-Nitroaniline	16.02	138	87284	39.684	ng		87
62) Azobenzene	16.27	77	328985	38.285	ng		92
64) 4,6-Dinitro-2-methylphenol	16.08	198	76559	37.241	ng		96
65) n-Nitrosodiphenylamine	16.19	169	319372	37.362	ng		98
66) 4-Bromophenyl-phenylether	16.87	248	142657	37.953	ng		94
67) Hexachlorobenzene	17.00	284	154162	37.268	ng	#	88
68) Atrazine	17.13	200	115928	37.597	ng		100
69) Pentachlorophenol	17.35	266	72541	37.679	ng		96
70) Phenanthrene	17.74	178	588017	38.199	ng		94
71) Anthracene	17.83	178	592839	37.871	ng		98
72) Carbazole	18.10	167	525215	37.502	ng	#	95
73) Di-n-butylphthalate	18.62	149	629117	36.992	ng	#	94
74) Fluoranthene	19.74	202	739181	37.612	ng		93
76) Benzidine	19.91	184	269643	40.174	ng		100
77) Pyrene	20.10	202	759101	38.738	ng		95
79) Butylbenzylphthalate	20.96	149	281925	37.194	ng		94
80) Benzo(a)anthracene	22.01	228	748732	37.850	ng		95
81) 3,3'-Dichlorobenzidine	21.91	252	295408	38.867	ng		99
82) Chrysene	22.08	228	706289	37.860	ng		96
83) Bis(2-ethylhexyl)phthalate	21.86	149	399346	36.566	ng		100
84) Di-n-octyl phthalate	23.16	149	696289	37.197	ng	#	90
85) Indeno(1,2,3-cd)pyrene	29.57	276	845780	38.270	ng	#	97
87) Benzo(b)fluoranthene	24.41	252	751467	38.302	ng	#	98
88) Benzo(k)fluoranthene	24.49	252	750849m	39.634	ng		
89) Benzo(a)pyrene	25.37	252	710715	38.620	ng		98
90) Dibenzo(a,h)anthracene	29.64	278	741511	38.832	ng		98
91) Benzo(g,h,i)perylene	30.83	276	729613	38.958	ng		99

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

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