Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA G\DATA\BG110217\
Data File : BG030656.D
Acq On : 2 Nov 2017 10:31
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
11/3/2017 4:19:35 PM

Quant Time: Nov 03 15:38:17 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	74682	20.00	ng		0.00
21) Naphthalene-d8	10.97	136	360389	20.00	ng		0.00
38) Acenaphthene-d10	14.77	164	245742	20.00	ng		0.00
63) Phenanthrene-d10	17.51	188	591848	20.00	ng		0.00
75) Chrysene-d12	21.79	240	639399	20.00	ng		0.00
86) Perylene-d12	25.10	264	665876	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.70	112	342134	76.53	ng		-0.02
7) Phenol-d6	7.30	99	484408	77.20	ng		-0.02
23) Nitrobenzene-d5	9.32	82	439010	77.41	ng		0.00
41) 2,4,6-Tribromophenol	16.26	330	269226	84.85	ng		0.00
44) 2-Fluorobiphenyl	13.40	172	1232230	73.54	ng		0.00
78) Terphenyl-d14	20.10	244	1993455	70.93	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.57	88	69955	38.567	ng		84
3) Pyridine	3.97	79	221584	41.950	ng		86
4) n-Nitrosodimethylamine	3.88	42	90396	36.611	ng	#	85
6) Aniline	7.47	93	310456	39.954	ng		96
8) 2-Chlorophenol	7.71	128	185847	36.268	ng		89
9) Benzaldehyde	7.28	77	139993	44.355	ng		84
10) Phenol	7.33	94	248016	36.661	ng		89
11) bis(2-Chloroethyl)ether	7.56	93	198768	40.327	ng		88
12) 1,3-Dichlorobenzene	8.04	146	217163	37.748	ng		95
13) 1,4-Dichlorobenzene	8.18	146	220408	37.525	ng		95
14) 1,2-Dichlorobenzene	8.51	146	214011	37.775	ng		97
15) Benzyl Alcohol	8.38	79	178142	40.285	ng		91
16) 2,2'-oxybis(1-Chloropropan	8.68	45	254561m	30.411	ng		
17) 2-Methylphenol	8.59	107	168503	37.495	ng		96
18) Hexachloroethane	9.24	117	76185	38.061	ng		98
19) n-Nitroso-di-n-propylamine	8.95	70	174868	40.984	ng	#	95
20) 3+4-Methylphenols	8.92	107	245069	38.702	ng		94
22) Acetophenone	8.97	105	336830	38.782	ng	#	93
24) Nitrobenzene	9.36	77	226644	35.544	ng	#	90
25) Isophorone	9.88	82	429294	36.260	ng	#	92
26) 2-Nitrophenol	10.08	139	108092	35.468	ng	#	85
27) 2,4-Dimethylphenol	10.13	122	183301	33.243	ng		89
28) bis(2-Chloroethoxy)methane	10.36	93	283169	39.005	ng		97
29) 2,4-Dichlorophenol	10.61	162	217083	36.919	ng		93
30) 1,2,4-Trichlorobenzene	10.83	180	252549	39.756	ng		97
31) Naphthalene	11.02	128	670178	37.313	ng		98
32) Benzoic acid	10.28	122	157198	34.049	ng		85
33) 4-Chloroaniline	11.12	127	304782	40.340	ng		94
34) Hexachlorobutadiene	11.30	225	161025	40.770	ng		97
35) Caprolactam	11.90	113	80831	41.364	ng	#	72
36) 4-Chloro-3-methylphenol	12.23	107	233673	36.133	ng	#	86
37) 2-Methylnaphthalene	12.61	142	514407	39.297	ng		93
39) 1,2,4,5-Tetrachlorobenzene	12.98	216	347614	38.744	ng		97
40) Hexachlorocyclopentadiene	12.96	237	135761	42.277	ng		92

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.21	196	199609	35.440	ng		98
43) 2,4,5-Trichlorophenol	13.28	196	219997	38.034	ng		95
45) 1,1'-Biphenyl	13.61	154	768146	36.366	ng		96
46) 2-Chloronaphthalene	13.65	162	552683	35.872	ng		96
47) 2-Nitroaniline	13.85	65	152243	35.976	ng	#	80
48) Acenaphthylene	14.50	152	893675	37.063	ng		99
49) Dimethylphthalate	14.22	163	721839	37.648	ng		99
50) 2,6-Dinitrotoluene	14.34	165	157263	39.127	ng	#	77
51) Acenaphthene	14.84	154	565809	36.065	ng		99
52) 3-Nitroaniline	14.67	138	169821	39.155	ng	#	84
53) 2,4-Dinitrophenol	14.88	184	61265m	32.017	ng		
54) Dibenzofuran	15.17	168	876995	39.158	ng		99
55) 4-Nitrophenol	14.98	139	129486	36.213	ng	#	76
56) 2,4-Dinitrotoluene	15.13	165	220117	40.455	ng	#	75
57) Fluorene	15.82	166	694399	37.532	ng		97
58) 2,3,4,6-Tetrachlorophenol	15.39	232	198109	41.052	ng	#	93
59) Diethylphthalate	15.57	149	730881	38.250	ng		99
60) 4-Chlorophenyl-phenylether	15.80	204	407673	41.327	ng		95
61) 4-Nitroaniline	15.83	138	176466	39.624	ng		83
62) Azobenzene	16.09	77	605778	37.595	ng		94
64) 4,6-Dinitro-2-methylphenol	15.89	198	116928	36.123	ng		80
65) n-Nitrosodiphenylamine	16.02	169	677324	38.204	ng		98
66) 4-Bromophenyl-phenylether	16.70	248	266053	39.175	ng		97
67) Hexachlorobenzene	16.82	284	282738	36.754	ng		95
68) Atrazine	16.96	200	250500	39.598	ng		98
69) Pentachlorophenol	17.16	266	177694	40.210	ng		99
70) Phenanthrene	17.56	178	1125967	36.826	ng		98
71) Anthracene	17.64	178	1134064	36.939	ng		99
72) Carbazole	17.91	167	1050399	35.616	ng		99
73) Di-n-butylphthalate	18.45	149	1251013	36.882	ng		99
74) Fluoranthene	19.55	202	1393385	38.963	ng		97
76) Benzidine	19.72	184	604771	31.326	ng		97
77) Pyrene	19.91	202	1425543	36.753	ng		96
79) Butylbenzylphthalate	20.78	149	590700	35.746	ng		87
80) Benzo(a)anthracene	21.77	228	1446025	38.519	ng		98
81) 3,3'-Dichlorobenzidine	21.67	252	587810	37.936	ng		98
82) Chrysene	21.83	228	1341261	37.307	ng		96
83) Bis(2-ethylhexyl)phthalate	21.65	149	826126	34.835	ng		99
84) Di-n-octyl phthalate	22.89	149	1405767	34.011	ng		95
85) Indeno(1,2,3-cd)pyrene	28.89	276	1743332	39.415	ng		98
87) Benzo(b)fluoranthene	24.04	252	1495463	39.229	ng		98
88) Benzo(k)fluoranthene	24.11	252	1473030	38.785	ng		98
89) Benzo(a)pyrene	24.94	252	1416543	38.652	ng		98
90) Dibenzo(a,h)anthracene	28.95	278	1469645	39.610	ng		97
91) Benzo(g,h,i)perylene	30.08	276	1431738	41.531	ng		96

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

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