Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG050118\
Data File : BG034084.D
Acq On : 1 May 2018 18:33
Operator : SJ/JU
Sample : SSTDCCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDCCCC040

Manual Integrations APPROVED
Sohil
5/2/2018 4:50:41 PM

Quant Time: May 02 05:31:42 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG050118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 01 19:08:03 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.08	152	67791	20.00	ng		0.00
21) Naphthalene-d8	10.89	136	278006	20.00	ng		0.00
38) Acenaphthene-d10	14.72	164	217142	20.00	ng		0.00
63) Phenanthrene-d10	17.47	188	601124	20.00	ng		0.00
75) Chrysene-d12	21.77	240	615831	20.00	ng		0.00
86) Perylene-d12	25.06	264	637586	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.64	112	308799	73.59	ng		0.00
7) Phenol-d6	7.22	99	480723	73.59	ng		0.00
23) Nitrobenzene-d5	9.24	82	550698	76.00	ng		0.00
41) 2,4,6-Tribromophenol	16.21	330	225864	75.12	ng		0.00
44) 2-Fluorobiphenyl	13.35	172	1094928	73.48	ng		0.00
78) Terphenyl-d14	20.09	244	2018681	71.81	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.56	88	62613	35.536	ng	#	86
3) Pyridine	3.95	79	225323	40.756	ng	#	81
4) n-Nitrosodimethylamine	3.86	42	114078	37.844	ng	#	79
6) Aniline	7.40	93	327881	36.903	ng		95
8) 2-Chlorophenol	7.64	128	150071	35.843	ng		89
9) Benzaldehyde	7.21	77	135604	36.664	ng		89
10) Phenol	7.25	94	241440	36.646	ng	#	73
11) bis(2-Chloroethyl)ether	7.50	93	186687	35.992	ng		99
12) 1,3-Dichlorobenzene	7.97	146	185249	34.973	ng	#	85
13) 1,4-Dichlorobenzene	8.11	146	187955	35.728	ng		95
14) 1,2-Dichlorobenzene	8.43	146	180438m	36.110	ng		
15) Benzyl Alcohol	8.31	79	254062	36.460	ng	#	85
16) 2,2'-oxybis(1-Chloropropan	8.61	45	260426	36.492	ng		84
17) 2-Methylphenol	8.51	107	161750	37.311	ng	#	79
18) Hexachloroethane	9.16	117	78583	35.114	ng		92
19) n-Nitroso-di-n-propylamine	8.88	70	214966	36.644	ng	#	89
20) 3+4-Methylphenols	8.84	107	231062	35.988	ng		81
22) Acetophenone	8.90	105	345705	36.506	ng		97
24) Nitrobenzene	9.28	77	292254	36.848	ng	#	88
25) Isophorone	9.81	82	538116	36.405	ng	#	96
26) 2-Nitrophenol	9.99	139	86662	39.471	ng	#	67
27) 2,4-Dimethylphenol	10.05	122	159472	37.465	ng		86
28) bis(2-Chloroethoxy)methane	10.30	93	264286	36.401	ng		94
29) 2,4-Dichlorophenol	10.53	162	185575	36.474	ng		95
30) 1,2,4-Trichlorobenzene	10.76	180	224667	36.672	ng		97
31) Naphthalene	10.94	128	545857	37.356	ng		98
32) Benzoic acid	10.18	122	143804	39.319	ng	#	89
33) 4-Chloroaniline	11.04	127	249798	37.910	ng	#	86
34) Hexachlorobutadiene	11.23	225	185651	35.802	ng		98
35) Caprolactam	11.81	113	68999	38.180	ng		90
36) 4-Chloro-3-methylphenol	12.16	107	254329	38.551	ng		88
37) 2-Methylnaphthalene	12.55	142	430661	36.348	ng	#	93
39) 1,2,4,5-Tetrachlorobenzene	12.91	216	311233	37.041	ng		98
40) Hexachlorocyclopentadiene	12.89	237	180309	36.216	ng		94

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.15	196	183524	37.592	ng		98
43) 2,4,5-Trichlorophenol	13.21	196	208893	38.705	ng	#	91
45) 1,1'-Biphenyl	13.56	154	620891	36.602	ng		96
46) 2-Chloronaphthalene	13.59	162	481158	37.466	ng		99
47) 2-Nitroaniline	13.79	65	207706	40.453	ng	#	79
48) Acenaphthylene	14.44	152	765826	37.350	ng		100
49) Dimethylphthalate	14.18	163	702721	37.321	ng		98
50) 2,6-Dinitrotoluene	14.29	165	142263	39.339	ng	#	82
51) Acenaphthene	14.79	154	527907	37.883	ng		98
52) 3-Nitroaniline	14.62	138	138551	38.011	ng	#	73
53) 2,4-Dinitrophenol	14.82	184	55653	39.338	ng	#	66
54) Dibenzofuran	15.12	168	752274	37.237	ng	#	90
55) 4-Nitrophenol	14.91	139	108064	38.843	ng	#	53
56) 2,4-Dinitrotoluene	15.07	165	202145	41.167	ng	#	90
57) Fluorene	15.77	166	644511	36.602	ng		100
58) 2,3,4,6-Tetrachlorophenol	15.34	232	209199	37.469	ng		97
59) Diethylphthalate	15.54	149	753248	37.804	ng		96
60) 4-Chlorophenyl-phenylether	15.76	204	388730	37.108	ng		98
61) 4-Nitroaniline	15.78	138	147412	38.126	ng	#	41
62) Azobenzene	16.06	77	790115	36.708	ng		90
64) 4,6-Dinitro-2-methylphenol	15.84	198	101585	35.942	ng		96
65) n-Nitrosodiphenylamine	15.98	169	586821	35.801	ng		99
66) 4-Bromophenyl-phenylether	16.66	248	267263	35.810	ng		91
67) Hexachlorobenzene	16.77	284	273213	36.063	ng	#	91
68) Atrazine	16.93	200	253579	34.300	ng		97
69) Pentachlorophenol	17.11	266	194851	36.901	ng		98
70) Phenanthrene	17.51	178	1092000	35.353	ng		98
71) Anthracene	17.61	178	1111104	35.493	ng		100
72) Carbazole	17.87	167	1006624	35.126	ng		96
73) Di-n-butylphthalate	18.45	149	1216812	35.275	ng	#	97
74) Fluoranthene	19.53	202	1369341	35.082	ng		95
76) Benzidine	19.70	184	691863	43.614	ng		99
77) Pyrene	19.89	202	1403731	36.382	ng		96
79) Butylbenzylphthalate	20.79	149	573915	38.103	ng		91
80) Benzo(a)anthracene	21.75	228	1431535	36.272	ng		99
81) 3,3'-Dichlorobenzidine	21.66	252	561468	37.620	ng	#	98
82) Chrysene	21.81	228	1382819	36.606	ng		96
83) Bis(2-ethylhexyl)phthalate	21.68	149	766632	36.982	ng	#	97
84) Di-n-octyl phthalate	22.94	149	1231030	37.181	ng		97
85) Indeno(1,2,3-cd)pyrene	28.82	276	1544018	37.141	ng	#	82
87) Benzo(b)fluoranthene	24.02	252	1434763	35.624	ng	#	95
88) Benzo(k)fluoranthene	24.09	252	1371756	35.636	ng	#	94
89) Benzo(a)pyrene	24.90	252	1375057	36.492	ng	#	96
90) Dibenzo(a,h)anthracene	28.91	278	1260349	35.483	ng	#	95
91) Benzo(g,h,i)perylene	30.00	276	1264523	36.119	ng	#	92

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

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