Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG121918\
Data File : BG038728.D
Acq On : 19 Dec 2018 15:46
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
12/20/2018 1:06:33 PM

Quant Time: Dec 20 00:15:38 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG121218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 12 15:26:27 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	24845	20.00	ng		0.00
21) Naphthalene-d8	10.87	136	106542	20.00	ng		0.00
39) Acenaphthene-d10	14.69	164	72328	20.00	ng		0.00
64) Phenanthrene-d10	17.44	188	193184	20.00	ng		0.00
76) Chrysene-d12	21.72	240	191601	20.00	ng		0.00
87) Perylene-d12	25.02	264	211567	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.60	112	110578	78.94	ng		0.00
7) Phenol-d6	7.21	99	158063	82.20	ng		0.00
23) Nitrobenzene-d5	9.23	82	154421	74.05	ng		0.00
42) 2,4,6-Tribromophenol	16.19	330	87096	87.37	ng		0.00
45) 2-Fluorobiphenyl	13.31	172	401244	76.10	ng		0.00
79) Terphenyl-d14	20.04	244	676134	76.80	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.49	88	22175	34.014	ng		97
3) Pyridine	3.90	79	64288	35.816	ng		95
4) n-Nitrosodimethylamine	3.82	42	30599	34.792	ng	#	92
6) Aniline	7.38	93	95366	38.848	ng		99
8) 2-Chlorophenol	7.62	128	64043	39.508	ng		100
9) Benzaldehyde	7.20	77	45963	36.845	ng		98
10) Phenol	7.24	94	82725	40.492	ng		97
11) bis(2-Chloroethyl)ether	7.48	93	60071	36.931	ng		96
12) 1,3-Dichlorobenzene	7.94	146	74301	38.766	ng		99
13) 1,4-Dichlorobenzene	8.09	146	76214	38.825	ng		95
14) 1,2-Dichlorobenzene	8.41	146	73819	39.889	ng		96
15) Benzyl Alcohol	8.30	79	61240	40.800	ng		96
16) 2,2'-oxybis(1-Chloropropan	8.58	45	127580	34.240	ng		97
17) 2-Methylphenol	8.49	107	56579	41.335	ng		97
18) Hexachloroethane	9.14	117	26604	37.089	ng		93
19) n-Nitroso-di-n-propylamine	8.86	70	49786	36.862	ng		98
20) 3+4-Methylphenols	8.82	107	79140	41.865	ng		97
22) Acetophenone	8.89	105	101084	37.984	ng	#	95
24) Nitrobenzene	9.28	77	77995	36.969	ng		98
25) Isophorone	9.79	82	127985	34.156	ng		98
26) 2-Nitrophenol	9.99	139	40838	37.820	ng		95
27) 2,4-Dimethylphenol	10.03	122	60425	39.046	ng		98
28) bis(2-Chloroethoxy)methane	10.27	93	77724	36.756	ng		98
29) 2,4-Dichlorophenol	10.52	162	73310	42.582	ng		98
30) 1,2,4-Trichlorobenzene	10.73	180	81583	39.231	ng		97
31) Naphthalene	10.93	128	202748	38.623	ng		99
32) Benzoic acid	10.19	122	35134m	38.338	ng		
33) 4-Chloroaniline	11.04	127	93328	40.950	ng		96
34) Hexachlorobutadiene	11.19	225	56240	39.968	ng		92
35) Caprolactam	11.83	113	28370	39.819	ng		90
36) 4-Chloro-3-methylphenol	12.15	107	78614	40.014	ng		93
37) 2-Methylnaphthalene	12.53	142	146770	39.191	ng		99
38) 1-Methylnaphthalene	12.74	142	144008	39.627	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.88	216	106220	39.288	ng		98

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG121218.M
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.85	237	49956	33.633	ng		99
43) 2,4,6-Trichlorophenol	13.13	196	67065	40.344	ng		99
44) 2,4,5-Trichlorophenol	13.20	196	72294	41.075	ng		95
46) 1,1'-Biphenyl	13.53	154	229380	37.830	ng		99
47) 2-Chloronaphthalene	13.58	162	179342	38.291	ng		97
48) 2-Nitroaniline	13.79	65	58790	39.407	ng		96
49) Acenaphthylene	14.42	152	271432	38.766	ng		99
50) Dimethylphthalate	14.15	163	229384	38.836	ng		99
51) 2,6-Dinitrotoluene	14.28	165	52076	38.906	ng		95
52) Acenaphthene	14.76	154	162149	38.728	ng		99
53) 3-Nitroaniline	14.61	138	55389	40.594	ng		98
54) 2,4-Dinitrophenol	14.82	184	29453	39.768	ng		98
55) Dibenzofuran	15.09	168	280562	39.092	ng		98
56) 4-Nitrophenol	14.91	139	37943	36.656	ng		99
57) 2,4-Dinitrotoluene	15.06	165	76180	40.408	ng		96
58) Fluorene	15.74	166	213753	40.200	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.32	232	64738	40.883	ng		99
60) Diethylphthalate	15.50	149	246638	38.037	ng		98
61) 4-Chlorophenyl-phenylether	15.73	204	133249	40.164	ng		99
62) 4-Nitroaniline	15.77	138	58945	41.962	ng		97
63) Azobenzene	16.02	77	205401	37.920	ng		96
65) 4,6-Dinitro-2-methylphenol	15.82	198	47273	34.304	ng		95
66) n-Nitrosodiphenylamine	15.94	169	214034	37.707	ng		98
67) 4-Bromophenyl-phenylether	16.62	248	90042	38.164	ng		94
68) Hexachlorobenzene	16.74	284	95845	39.189	ng		98
69) Atrazine	16.89	200	80072	38.012	ng		97
70) Pentachlorophenol	17.08	266	52554	36.329	ng		95
71) Phenanthrene	17.48	178	374710	37.404	ng		99
72) Anthracene	17.58	178	376549	38.075	ng		100
73) Carbazole	17.85	167	369172	37.745	ng		98
74) Di-n-butylphthalate	18.38	149	410845	36.608	ng		99
75) Fluoranthene	19.49	202	460520	37.154	ng		97
77) Benzidine	19.68	184	225769	39.843	ng		100
78) Pyrene	19.86	202	467877	36.964	ng		100
80) Butylbenzylphthalate	20.72	149	183189	37.044	ng		99
81) Benzo(a)anthracene	21.70	228	448568	38.421	ng		99
82) 3,3'-Dichlorobenzidine	21.61	252	182631	39.441	ng		97
83) Chrysene	21.77	228	426096	37.890	ng		99
84) Bis(2-ethylhexyl)phthalate	21.57	149	256373	36.553	ng		97
85) Di-n-octyl phthalate	22.80	149	431423	36.729	ng		99
86) Indeno(1,2,3-cd)pyrene	28.79	276	500794	37.879	ng	#	73
88) Benzo(b)fluoranthene	23.96	252	434882	37.439	ng		99
89) Benzo(k)fluoranthene	24.03	252	442452	38.251	ng		96
90) Benzo(a)pyrene	24.86	252	427473	38.146	ng	#	99
91) Dibenzo(a,h)anthracene	28.86	278	416171	37.298	ng		97
92) Benzo(g,h,i)perylene	30.00	276	410811	37.360	ng		96

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

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