Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG121618\
Data File : BG038636.D
Acq On : 16 Dec 2018 12:06
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
12/17/2018 4:13:59 PM

Quant Time: Dec 17 05:55:48 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	27669	20.00	ng		0.00
21) Naphthalene-d8	10.88	136	119653	20.00	ng		0.00
39) Acenaphthene-d10	14.70	164	75030	20.00	ng		0.00
64) Phenanthrene-d10	17.45	188	182913	20.00	ng		0.00
76) Chrysene-d12	21.72	240	176149	20.00	ng		0.00
87) Perylene-d12	25.02	264	194916	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.61	112	129927	83.29	ng		0.00
7) Phenol-d6	7.21	99	179768	83.94	ng		0.00
23) Nitrobenzene-d5	9.24	82	190604	81.38	ng		0.00
42) 2,4,6-Tribromophenol	16.19	330	85592	82.77	ng		0.00
45) 2-Fluorobiphenyl	13.32	172	439393	80.34	ng		0.00
79) Terphenyl-d14	20.04	244	649461	80.24	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.50	88	27100	37.326	ng		95
3) Pyridine	3.90	79	80875	40.458	ng		90
4) n-Nitrosodimethylamine	3.82	42	43266	44.174	ng	#	94
6) Aniline	7.39	93	113030	41.345	ng		96
8) 2-Chlorophenol	7.62	128	75928	42.059	ng		99
9) Benzaldehyde	7.20	77	55962	40.281	ng		97
10) Phenol	7.24	94	95247	41.863	ng		96
11) bis(2-Chloroethyl)ether	7.48	93	75751	41.818	ng		97
12) 1,3-Dichlorobenzene	7.95	146	87978	41.217	ng		98
13) 1,4-Dichlorobenzene	8.09	146	88193	40.342	ng		96
14) 1,2-Dichlorobenzene	8.42	146	82993	40.269	ng		97
15) Benzyl Alcohol	8.30	79	73155	43.764	ng		95
16) 2,2'-oxybis(1-Chloropropan	8.58	45	169544	40.859	ng		98
17) 2-Methylphenol	8.50	107	65944	43.260	ng		97
18) Hexachloroethane	9.14	117	32692	40.925	ng		90
19) n-Nitroso-di-n-propylamine	8.86	70	64038	42.575	ng		99
20) 3+4-Methylphenols	8.83	107	90813	43.137	ng		95
22) Acetophenone	8.89	105	117551	39.332	ng	#	98
24) Nitrobenzene	9.28	77	97944	41.337	ng		98
25) Isophorone	9.79	82	157506	37.429	ng		98
26) 2-Nitrophenol	9.99	139	48921	40.341	ng		96
27) 2,4-Dimethylphenol	10.04	122	71788	41.305	ng		95
28) bis(2-Chloroethoxy)methane	10.28	93	94042	39.600	ng		99
29) 2,4-Dichlorophenol	10.52	162	83208	43.035	ng		98
30) 1,2,4-Trichlorobenzene	10.74	180	94980	40.668	ng		99
31) Naphthalene	10.93	128	233655	39.633	ng		98
32) Benzoic acid	10.20	122	36938m	36.539	ng		
33) 4-Chloroaniline	11.04	127	106039	41.429	ng		98
34) Hexachlorobutadiene	11.19	225	64796	41.003	ng		93
35) Caprolactam	11.84	113	29558	36.940	ng		97
36) 4-Chloro-3-methylphenol	12.15	107	86577	39.239	ng		97
37) 2-Methylnaphthalene	12.53	142	170103	40.444	ng		99
38) 1-Methylnaphthalene	12.75	142	163102	39.964	ng		95
40) 1,2,4,5-Tetrachlorobenzene	12.89	216	117140	41.767	ng		99

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.85	237	59691	38.739	ng		98
43) 2,4,6-Trichlorophenol	13.13	196	70932	41.133	ng		96
44) 2,4,5-Trichlorophenol	13.20	196	77551	42.475	ng		98
46) 1,1'-Biphenyl	13.53	154	255718	40.655	ng		100
47) 2-Chloronaphthalene	13.58	162	199365	41.033	ng		98
48) 2-Nitroaniline	13.79	65	66670	43.080	ng		98
49) Acenaphthylene	14.42	152	289169	39.811	ng		98
50) Dimethylphthalate	14.14	163	248505	40.558	ng		98
51) 2,6-Dinitrotoluene	14.28	165	57039	41.079	ng		97
52) Acenaphthene	14.76	154	173237	39.886	ng		97
53) 3-Nitroaniline	14.61	138	58446	41.292	ng		96
54) 2,4-Dinitrophenol	14.82	184	25698	34.271	ng		95
55) Dibenzofuran	15.10	168	295547	39.697	ng		98
56) 4-Nitrophenol	14.91	139	41698	38.833	ng		95
57) 2,4-Dinitrotoluene	15.07	165	79214	40.505	ng		96
58) Fluorene	15.74	166	220552	39.985	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.32	232	64078	39.009	ng		99
60) Diethylphthalate	15.50	149	261928	38.941	ng		99
61) 4-Chlorophenyl-phenylether	15.73	204	139532	40.543	ng		100
62) 4-Nitroaniline	15.78	138	59321	40.708	ng		95
63) Azobenzene	16.03	77	224862	40.018	ng		97
65) 4,6-Dinitro-2-methylphenol	15.83	198	50105	38.400	ng		98
66) n-Nitrosodiphenylamine	15.95	169	217712	40.509	ng		97
67) 4-Bromophenyl-phenylether	16.62	248	88084	39.431	ng		92
68) Hexachlorobenzene	16.74	284	92922	40.127	ng		96
69) Atrazine	16.89	200	82434	41.331	ng		99
70) Pentachlorophenol	17.09	266	52772	38.528	ng		99
71) Phenanthrene	17.49	178	374335	39.465	ng		99
72) Anthracene	17.58	178	371375	39.660	ng		99
73) Carbazole	17.85	167	369726	39.924	ng		99
74) Di-n-butylphthalate	18.38	149	421172	39.635	ng		99
75) Fluoranthene	19.49	202	450966	38.426	ng		97
77) Benzidine	19.68	184	199129	38.225	ng		99
78) Pyrene	19.86	202	455492	39.142	ng		100
80) Butylbenzylphthalate	20.73	149	183050	40.263	ng		97
81) Benzo(a)anthracene	21.71	228	442545	41.230	ng		99
82) 3,3'-Dichlorobenzidine	21.62	252	178275	41.878	ng		99
83) Chrysene	21.77	228	417938	40.425	ng		98
84) Bis(2-ethylhexyl)phthalate	21.57	149	265091	41.112	ng		99
85) Di-n-octyl phthalate	22.80	149	447542	41.444	ng		98
86) Indeno(1,2,3-cd)pyrene	28.80	276	497570	40.936	ng	#	97
88) Benzo(b)fluoranthene	23.97	252	427100	39.910	ng		99
89) Benzo(k)fluoranthene	24.04	252	434243	40.749	ng		97
90) Benzo(a)pyrene	24.87	252	420065	40.687	ng		99
91) Dibenzo(a,h)anthracene	28.87	278	414848	40.356	ng		99
92) Benzo(g,h,i)perylene	30.00	276	409842	40.456	ng		97

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

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