Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG121018\
Data File : BG038456.D
Acq On : 11 Dec 2018 2:12
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040EC

Manual Integrations APPROVED
Sohil
12/11/2018 6:07:27 PM

Quant Time: Dec 11 04:17:05 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG120418.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 04 17:15:40 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	31252	20.00	ng		0.00
21) Naphthalene-d8	10.89	136	140524	20.00	ng		0.00
39) Acenaphthene-d10	14.71	164	93368	20.00	ng		0.00
64) Phenanthrene-d10	17.45	188	222554	20.00	ng		-0.01
76) Chrysene-d12	21.74	240	213076	20.00	ng		0.00
87) Perylene-d12	25.05	264	230349	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.61	112	145745	82.53	ng		0.00
7) Phenol-d6	7.22	99	209694	82.15	ng		0.00
23) Nitrobenzene-d5	9.25	82	223374	78.92	ng		0.00
42) 2,4,6-Tribromophenol	16.20	330	98764	86.17	ng		0.00
45) 2-Fluorobiphenyl	13.33	172	519310	79.25	ng		0.00
79) Terphenyl-d14	20.05	244	767399	77.15	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.50	88	32739	40.449	ng		97
3) Pyridine	3.91	79	102632	42.384	ng		90
4) n-Nitrosodimethylamine	3.83	42	51589	48.638	ng		82
6) Aniline	7.40	93	133565	40.970	ng		98
8) 2-Chlorophenol	7.63	128	85478	41.676	ng		97
9) Benzaldehyde	7.21	77	63884	39.525	ng		97
10) Phenol	7.24	94	109776	40.705	ng		87
11) bis(2-Chloroethyl)ether	7.49	93	88435	40.040	ng		99
12) 1,3-Dichlorobenzene	7.96	146	96877	40.414	ng		94
13) 1,4-Dichlorobenzene	8.11	146	98864	39.861	ng		98
14) 1,2-Dichlorobenzene	8.43	146	93924	41.410	ng		95
15) Benzyl Alcohol	8.31	79	79956	38.102	ng		96
16) 2,2'-oxybis(1-Chloropropan	8.59	45	200245	39.859	ng		97
17) 2-Methylphenol	8.51	107	76473	40.585	ng		96
18) Hexachloroethane	9.15	117	37106	41.451	ng		94
19) n-Nitroso-di-n-propylamine	8.88	70	74645	40.013	ng		91
20) 3+4-Methylphenols	8.84	107	108288	39.857	ng		95
22) Acetophenone	8.90	105	139130	41.088	ng	#	94
24) Nitrobenzene	9.29	77	113372	39.425	ng		100
25) Isophorone	9.81	82	187109	37.617	ng	#	96
26) 2-Nitrophenol	10.00	139	56468	42.380	ng	#	89
27) 2,4-Dimethylphenol	10.04	122	83408	43.583	ng		99
28) bis(2-Chloroethoxy)methane	10.29	93	116096	40.714	ng		99
29) 2,4-Dichlorophenol	10.53	162	95717	43.814	ng		97
30) 1,2,4-Trichlorobenzene	10.75	180	107342	41.857	ng		98
31) Naphthalene	10.94	128	275200	40.998	ng		99
32) Benzoic acid	10.20	122	40756	31.782	ng		98
33) 4-Chloroaniline	11.05	127	124785	41.993	ng		98
34) Hexachlorobutadiene	11.20	225	71460	44.541	ng		96
35) Caprolactam	11.84	113	35309	39.084	ng	#	77
36) 4-Chloro-3-methylphenol	12.16	107	105759	43.571	ng		94
37) 2-Methylnaphthalene	12.54	142	200101	41.860	ng		97
38) 1-Methylnaphthalene	12.76	142	196657	42.953	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.90	216	132153	41.134	ng		99

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 04 17:15:40 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.87	237	68708	38.916	ng		95
43) 2,4,6-Trichlorophenol	13.14	196	86555	41.589	ng		96
44) 2,4,5-Trichlorophenol	13.21	196	90474	41.035	ng		95
46) 1,1'-Biphenyl	13.54	154	306045	38.778	ng		98
47) 2-Chloronaphthalene	13.59	162	233712	39.243	ng		98
48) 2-Nitroaniline	13.80	65	79793	39.936	ng		98
49) Acenaphthylene	14.44	152	354765	39.553	ng		99
50) Dimethylphthalate	14.16	163	298214	39.821	ng		100
51) 2,6-Dinitrotoluene	14.29	165	67449	39.428	ng		90
52) Acenaphthene	14.77	154	212243	38.815	ng		98
53) 3-Nitroaniline	14.62	138	69328	37.629	ng		97
54) 2,4-Dinitrophenol	14.83	184	25867	27.584	ng	#	84
55) Dibenzofuran	15.11	168	356118	39.394	ng		97
56) 4-Nitrophenol	14.92	139	47326	32.518	ng		85
57) 2,4-Dinitrotoluene	15.08	165	93446	39.605	ng		95
58) Fluorene	15.75	166	269750	40.503	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.32	232	77365	40.402	ng		97
60) Diethylphthalate	15.51	149	318062	38.335	ng		99
61) 4-Chlorophenyl-phenylether	15.74	204	167090	41.769	ng		97
62) 4-Nitroaniline	15.79	138	72380	39.942	ng		84
63) Azobenzene	16.03	77	277515	38.219	ng		94
65) 4,6-Dinitro-2-methylphenol	15.83	198	55987	38.395	ng		95
66) n-Nitrosodiphenylamine	15.96	169	261526	41.789	ng		98
67) 4-Bromophenyl-phenylether	16.63	248	105844	44.040	ng		95
68) Hexachlorobenzene	16.75	284	109699	44.252	ng		96
69) Atrazine	16.90	200	97924	41.933	ng		98
70) Pentachlorophenol	17.10	266	64793	38.160	ng		93
71) Phenanthrene	17.50	178	449600	40.340	ng		99
72) Anthracene	17.59	178	445820	41.306	ng		99
73) Carbazole	17.86	167	436320	40.731	ng		99
74) Di-n-butylphthalate	18.39	149	507801	40.577	ng		98
75) Fluoranthene	19.51	202	538097	41.323	ng		96
77) Benzidine	19.69	184	230068	31.998	ng		97
78) Pyrene	19.86	202	546013	36.624	ng		97
80) Butylbenzylphthalate	20.73	149	221960	37.016	ng		98
81) Benzo(a)anthracene	21.72	228	518710	39.609	ng		99
82) 3,3'-Dichlorobenzidine	21.63	252	202146	39.680	ng		95
83) Chrysene	21.79	228	495437	39.978	ng		97
84) Bis(2-ethylhexyl)phthalate	21.58	149	316486	37.238	ng		98
85) Di-n-octyl phthalate	22.81	149	527293	36.183	ng		98
86) Indeno(1,2,3-cd)pyrene	28.84	276	567575	40.299	ng	#	65
88) Benzo(b)fluoranthene	23.98	252	510172	39.197	ng		97
89) Benzo(k)fluoranthene	24.05	252	495366m	38.214	ng		
90) Benzo(a)pyrene	24.88	252	489217	38.750	ng	#	97
91) Dibenzo(a,h)anthracene	28.90	278	471252	39.356	ng	#	96
92) Benzo(g,h,i)perylene	30.03	276	466640	39.280	ng	#	92

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

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