Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG110618\
Data File : BG037839.D
Acq On : 6 Nov 2018 15:28
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
11/7/2018 4:07:54 PM

Quant Time: Nov 06 17:02:50 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG101818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 18 14:06:42 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.10	152	57522	20.00	ng	-0.01
21) Naphthalene-d8	10.92	136	265920	20.00	ng	-0.01
39) Acenaphthene-d10	14.73	164	165639	20.00	ng	-0.01
64) Phenanthrene-d10	17.48	188	370673	20.00	ng	0.00
76) Chrysene-d12	21.76	240	335268	20.00	ng	-0.01
87) Perylene-d12	25.09	264	337264	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	266316	77.40	ng	-0.01
7) Phenol-d6	7.24	99	401132	77.10	ng	-0.01
23) Nitrobenzene-d5	9.28	82	379598	79.97	ng	0.00
42) 2,4,6-Tribromophenol	16.22	330	145198	80.37	ng	0.00
45) 2-Fluorobiphenyl	13.35	172	888121	80.85	ng	-0.01
79) Terphenyl-d14	20.08	244	1254463	79.95	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.52	88	65107	37.314	ng	96
3) Pyridine	3.93	79	164155	37.327	ng	94
4) n-Nitrosodimethylamine	3.85	42	57984	37.017	ng	84
6) Aniline	7.42	93	248524	39.157	ng	97
8) 2-Chlorophenol	7.65	128	160114	39.780	ng	98
9) Benzaldehyde	7.24	77	110628	33.993	ng	89
10) Phenol	7.27	94	208257	37.938	ng	98
11) bis(2-Chloroethyl)ether	7.51	93	161244	38.676	ng	96
12) 1,3-Dichlorobenzene	7.98	146	180026	40.176	ng	100
13) 1,4-Dichlorobenzene	8.13	146	181901	39.686	ng	97
14) 1,2-Dichlorobenzene	8.45	146	175157	39.726	ng	99
15) Benzyl Alcohol	8.34	79	146402	38.084	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.61	45	284247	38.104	ng	96
17) 2-Methylphenol	8.52	107	142298	39.210	ng	99
18) Hexachloroethane	9.18	117	64213	41.093	ng	89
19) n-Nitroso-di-n-propylamine	8.90	70	135851	37.920	ng	91
20) 3+4-Methylphenols	8.86	107	198668	38.289	ng	99
22) Acetophenone	8.92	105	252926	37.925	ng	98
24) Nitrobenzene	9.32	77	196430	39.833	ng	94
25) Isophorone	9.83	82	330048	38.053	ng	98
26) 2-Nitrophenol	10.03	139	101346	45.619	ng	95
27) 2,4-Dimethylphenol	10.07	122	149610	37.718	ng	99
28) bis(2-Chloroethoxy)methane	10.31	93	215647	37.948	ng	96
29) 2,4-Dichlorophenol	10.56	162	175565	39.753	ng	99
30) 1,2,4-Trichlorobenzene	10.77	180	192834	40.151	ng	100
31) Naphthalene	10.97	128	509007	38.971	ng	99
32) Benzoic acid	10.18	122	88747	34.447	ng	96
33) 4-Chloroaniline	11.08	127	238584	38.877	ng	98
34) Hexachlorobutadiene	11.23	225	119380	41.940	ng	100
35) Caprolactam	11.87	113	66023	37.275	ng	93
36) 4-Chloro-3-methylphenol	12.18	107	188882	37.923	ng	98
37) 2-Methylnaphthalene	12.57	142	374345	39.317	ng	99
38) 1-Methylnaphthalene	12.78	142	356211	38.524	ng	97
40) 1,2,4,5-Tetrachlorobenzene	12.92	216	228373	42.744	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.89	237	110695	43.374	ng		98
43) 2,4,6-Trichlorophenol	13.16	196	150388	42.132	ng		98
44) 2,4,5-Trichlorophenol	13.23	196	157814	40.608	ng		99
46) 1,1'-Biphenyl	13.57	154	553217	40.329	ng		100
47) 2-Chloronaphthalene	13.61	162	422135	40.676	ng		99
48) 2-Nitroaniline	13.82	65	130793	41.559	ng		96
49) Acenaphthylene	14.46	152	631826	40.472	ng		99
50) Dimethylphthalate	14.18	163	505984	39.486	ng		100
51) 2,6-Dinitrotoluene	14.31	165	117997	41.625	ng		92
52) Acenaphthene	14.79	154	381929	39.724	ng		99
53) 3-Nitroaniline	14.64	138	126090	40.067	ng	#	96
54) 2,4-Dinitrophenol	14.85	184	33726	40.684	ng		96
55) Dibenzofuran	15.13	168	626698	39.341	ng		99
56) 4-Nitrophenol	14.93	139	76991	33.052	ng		98
57) 2,4-Dinitrotoluene	15.09	165	159341	42.821	ng		96
58) Fluorene	15.77	166	463436	38.849	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.35	232	128823	38.716	ng		99
60) Diethylphthalate	15.53	149	513187	39.009	ng		100
61) 4-Chlorophenyl-phenylether	15.76	204	277267	39.877	ng		98
62) 4-Nitroaniline	15.80	138	120580	38.561	ng		91
63) Azobenzene	16.06	77	481538	38.363	ng		97
65) 4,6-Dinitro-2-methylphenol	15.85	198	69732	38.003	ng		95
66) n-Nitrosodiphenylamine	15.98	169	454503	40.763	ng		99
67) 4-Bromophenyl-phenylether	16.66	248	166577	40.922	ng		98
68) Hexachlorobenzene	16.77	284	170673	40.455	ng		98
69) Atrazine	16.92	200	154553	38.338	ng		98
70) Pentachlorophenol	17.11	266	103464	36.613	ng		93
71) Phenanthrene	17.52	178	750169	39.820	ng		100
72) Anthracene	17.61	178	745913	40.347	ng		99
73) Carbazole	17.88	167	741999	40.123	ng		99
74) Di-n-butylphthalate	18.42	149	844828	41.067	ng		99
75) Fluoranthene	19.52	202	848873	39.729	ng		99
77) Benzidine	19.71	184	362634m	31.810	ng		
78) Pyrene	19.89	202	871502	39.764	ng		99
80) Butylbenzylphthalate	20.76	149	376558	41.981	ng		97
81) Benzo(a)anthracene	21.74	228	792049	39.940	ng		99
82) 3,3'-Dichlorobenzidine	21.66	252	298858	38.881	ng		99
83) Chrysene	21.81	228	762681	39.996	ng		100
84) Bis(2-ethylhexyl)phthalate	21.61	149	530436	42.189	ng		99
85) Di-n-octyl phthalate	22.85	149	873631	42.611	ng		97
86) Indeno(1,2,3-cd)pyrene	28.91	276	693118m	33.889	ng		
88) Benzo(b)fluoranthene	24.02	252	724462	39.181	ng		99
89) Benzo(k)fluoranthene	24.09	252	760366	41.974	ng		97
90) Benzo(a)pyrene	24.93	252	707886	40.290	ng		100
91) Dibenzo(a,h)anthracene	28.98	278	574872m	35.471	ng		
92) Benzo(g,h,i)perylene	30.11	276	554118	33.795	ng		99

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

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