Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG090418\
Data File : BG036524.D
Acq On : 4 Sep 2018 10:02
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040

Manual Integrations APPROVED
Sohil
9/5/2018 3:07:04 PM

Quant Time: Sep 04 11:06:12 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 31 13:03:20 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	56291	20.00	ng		0.00
21) Naphthalene-d8	10.86	136	246409	20.00	ng		0.00
38) Acenaphthene-d10	14.68	164	160337	20.00	ng		0.00
63) Phenanthrene-d10	17.43	188	406865	20.00	ng		0.00
75) Chrysene-d12	21.69	240	425758	20.00	ng		0.00
86) Perylene-d12	24.90	264	443867	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.62	112	262585	74.00	ng		0.00
7) Phenol-d6	7.21	99	381268	75.04	ng		0.00
23) Nitrobenzene-d5	9.22	82	349794	77.02	ng		0.00
41) 2,4,6-Tribromophenol	16.17	330	141204	73.81	ng		0.00
44) 2-Fluorobiphenyl	13.31	172	872642	77.71	ng		0.00
78) Terphenyl-d14	20.03	244	1421951	78.06	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.54	88	61815	37.326	ng		96
3) Pyridine	3.93	79	180991	38.935	ng		95
4) n-Nitrosodimethylamine	3.84	42	74003	35.742	ng		97
6) Aniline	7.38	93	239934	37.205	ng		97
8) 2-Chlorophenol	7.62	128	137424	35.711	ng		98
9) Benzaldehyde	7.20	77	127949	36.570	ng		96
10) Phenol	7.24	94	196660	36.988	ng		99
11) bis(2-Chloroethyl)ether	7.48	93	158034	37.492	ng		96
12) 1,3-Dichlorobenzene	7.95	146	170060	38.702	ng		98
13) 1,4-Dichlorobenzene	8.10	146	170465	38.424	ng		98
14) 1,2-Dichlorobenzene	8.41	146	162121	38.264	ng		96
15) Benzyl Alcohol	8.30	79	144218	35.212	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.58	45	286463	33.699	ng		98
17) 2-Methylphenol	8.49	107	128411	36.373	ng		99
18) Hexachloroethane	9.15	117	57946	36.430	ng		92
19) n-Nitroso-di-n-propylamine	8.86	70	130216	34.293	ng		95
20) 3+4-Methylphenols	8.82	107	180781	36.677	ng		98
22) Acetophenone	8.88	105	238354	36.837	ng		98
24) Nitrobenzene	9.26	77	175607	35.858	ng		98
25) Isophorone	9.78	82	314467	34.856	ng		98
26) 2-Nitrophenol	9.98	139	64744m	33.362	ng		
27) 2,4-Dimethylphenol	10.03	122	125636	34.968	ng		99
28) bis(2-Chloroethoxy)methane	10.27	93	201218	36.340	ng		98
29) 2,4-Dichlorophenol	10.50	162	146886	37.304	ng		95
30) 1,2,4-Trichlorobenzene	10.73	180	178967	38.852	ng		99
31) Naphthalene	10.92	128	462411	37.540	ng		100
32) Benzoic acid	10.15	122	59386	24.693	ng		99
33) 4-Chloroaniline	11.02	127	215062	38.101	ng		98
34) Hexachlorobutadiene	11.20	225	121749	39.339	ng		98
35) Caprolactam	11.79	113	51275	32.689	ng	#	89
36) 4-Chloro-3-methylphenol	12.13	107	167955	36.709	ng		97
37) 2-Methylnaphthalene	12.51	142	340407	37.769	ng		97
39) 1,2,4,5-Tetrachlorobenzene	12.88	216	217577	38.345	ng		100
40) Hexachlorocyclopentadiene	12.86	237	99953	33.856	ng		98

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Quant Time: Sep 04 11:06:12 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.11	196	118185	34.193	ng	91
43) 2,4,5-Trichlorophenol	13.18	196	136028	36.898	ng	98
45) 1,1'-Biphenyl	13.52	154	488224	36.683	ng	97
46) 2-Chloronaphthalene	13.56	162	383286	37.723	ng	99
47) 2-Nitroaniline	13.76	65	109224	34.233	ng	99
48) Acenaphthylene	14.41	152	587590	37.004	ng	97
49) Dimethylphthalate	14.14	163	473943	36.200	ng	99
50) 2,6-Dinitrotoluene	14.25	165	95927	35.607	ng	97
51) Acenaphthene	14.75	154	374581	36.833	ng	100
52) 3-Nitroaniline	14.58	138	114413	39.409	ng	95
53) 2,4-Dinitrophenol	14.78	184	41083	40.260	ng	93
54) Dibenzofuran	15.08	168	596978	37.469	ng	98
55) 4-Nitrophenol	14.88	139	80332m	33.842	ng	
56) 2,4-Dinitrotoluene	15.04	165	139523	39.737	ng	88
57) Fluorene	15.73	166	440931	37.020	ng	99
58) 2,3,4,6-Tetrachlorophenol	15.31	232	124810	36.033	ng	96
59) Diethylphthalate	15.50	149	474837	35.988	ng	99
60) 4-Chlorophenyl-phenylether	15.72	204	282478	38.408	ng	99
61) 4-Nitroaniline	15.75	138	121716	40.065	ng	98
62) Azobenzene	16.02	77	474827	35.369	ng	98
64) 4,6-Dinitro-2-methylphenol	15.80	198	60176	33.669	ng	95
65) n-Nitrosodiphenylamine	15.93	169	438884	36.303	ng	97
66) 4-Bromophenyl-phenylether	16.62	248	180354	37.861	ng	98
67) Hexachlorobenzene	16.73	284	184696	37.918	ng	98
68) Atrazine	16.88	200	151628	33.415	ng	99
69) Pentachlorophenol	17.07	266	114627	34.626	ng	97
70) Phenanthrene	17.47	178	776210	37.545	ng	99
71) Anthracene	17.56	178	772370	37.479	ng	99
72) Carbazole	17.83	167	770629	37.443	ng	99
73) Di-n-butylphthalate	18.38	149	823686	35.940	ng	99
74) Fluoranthene	19.47	202	968404	38.420	ng	100
76) Benzidine	19.65	184	460423	33.896	ng	98
77) Pyrene	19.84	202	987339	37.711	ng	99
79) Butylbenzylphthalate	20.72	149	354753	34.047	ng	92
80) Benzo(a)anthracene	21.67	228	972462	37.702	ng	99
81) 3,3'-Dichlorobenzidine	21.59	252	389119	37.853	ng	96
82) Chrysene	21.74	228	910757	37.252	ng	99
83) Bis(2-ethylhexyl)phthalate	21.59	149	499789	34.278	ng	99
84) Di-n-octyl phthalate	22.80	149	807736	33.166	ng	98
85) Indeno(1,2,3-cd)pyrene	28.56	276	1027386	36.180	ng	99
87) Benzo(b)fluoranthene	23.89	252	931845	37.806	ng	98
88) Benzo(k)fluoranthene	23.95	252	941081	39.082	ng	99
89) Benzo(a)pyrene	24.75	252	913122	38.553	ng	99
90) Dibenzo(a,h)anthracene	28.62	278	836423	36.580	ng	98
91) Benzo(g,h,i)perylene	29.69	276	843189	36.696	ng	99

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

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