Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082119\
Data File : BG042379.D
Acq On : 21 Aug 2019 12:15
Operator : HP/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Jagrut
8/22/2019 1:58:43 PM

Quant Time: Aug 22 03:36:43 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG081919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 19 13:40:37 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	69652	20.00	ng		0.00
21) Naphthalene-d8	10.83	136	281161	20.00	ng		0.00
39) Acenaphthene-d10	14.67	164	202814	20.00	ng		0.00
64) Phenanthrene-d10	17.42	188	424919	20.00	ng		0.00
76) Chrysene-d12	21.70	240	319261	20.00	ng		0.00
87) Perylene-d12	24.94	264	396449	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.57	112	275802	80.23	ng		0.00
7) Phenol-d6	7.18	99	366811	78.57	ng		0.01
23) Nitrobenzene-d5	9.18	82	333124	83.33	ng		0.00
42) 2,4,6-Tribromophenol	16.16	330	225868	81.77	ng		0.00
45) 2-Fluorobiphenyl	13.29	172	1001613	83.57	ng		0.00
79) Terphenyl-d14	20.03	244	1331170	91.32	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.44	88	56132	37.862	ng		99
3) Pyridine	3.83	79	151901	40.000	ng		97
4) n-Nitrosodimethylamine	3.75	42	54302	41.534	ng		94
6) Aniline	7.33	93	241592	39.208	ng		99
8) 2-Chlorophenol	7.58	128	164622	39.391	ng		97
9) Benzaldehyde	7.14	77	112519	42.844	ng		98
10) Phenol	7.21	94	184997	38.974	ng		98
11) bis(2-Chloroethyl)ether	7.42	93	145641	38.846	ng		99
12) 1,3-Dichlorobenzene	7.90	146	212604	39.971	ng		98
13) 1,4-Dichlorobenzene	8.05	146	214042	39.954	ng		99
14) 1,2-Dichlorobenzene	8.37	146	203511	39.806	ng		99
15) Benzyl Alcohol	8.25	79	130237	40.560	ng		95
16) 2,2'-oxybis(1-Chloropropan	8.54	45	205808	39.807	ng		99
17) 2-Methylphenol	8.46	107	137888	39.287	ng		98
18) Hexachloroethane	9.10	117	73100	39.702	ng		99
19) n-Nitroso-di-n-propylamine	8.82	70	119279	39.719	ng		98
20) 3+4-Methylphenols	8.79	107	190689	39.271	ng		97
22) Acetophenone	8.84	105	246029	41.183	ng	#	97
24) Nitrobenzene	9.22	77	168028	41.251	ng		100
25) Isophorone	9.75	82	326502	40.845	ng		99
26) 2-Nitrophenol	9.94	139	105890	41.818	ng		97
27) 2,4-Dimethylphenol	10.00	122	147234	41.912	ng		97
28) bis(2-Chloroethoxy)methane	10.23	93	211789	41.132	ng		99
29) 2,4-Dichlorophenol	10.49	162	194150	41.566	ng		99
30) 1,2,4-Trichlorobenzene	10.70	180	236800	41.475	ng		97
31) Naphthalene	10.89	128	530604	40.724	ng		98
32) Benzoic acid	10.16	122	93538	38.474	ng		98
33) 4-Chloroaniline	10.99	127	248477	41.820	ng		98
34) Hexachlorobutadiene	11.17	225	161308	42.159	ng		97
35) Caprolactam	11.77	113	58061	39.001	ng		96
36) 4-Chloro-3-methylphenol	12.13	107	176520	40.432	ng		96
37) 2-Methylnaphthalene	12.50	142	426116	40.798	ng		99
38) 1-Methylnaphthalene	12.71	142	400066	40.212	ng		100
40) 1,2,4,5-Tetrachlorobenzene	12.87	216	272434	41.674	ng		100

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG081919.M
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	12.84	237	145720	41.909 ng	97
43) 2,4,6-Trichlorophenol	13.11	196	183116	41.851 ng	96
44) 2,4,5-Trichlorophenol	13.18	196	188144	41.749 ng	99
46) 1,1'-Biphenyl	13.50	154	545095	41.195 ng	97
47) 2-Chloronaphthalene	13.54	162	466840	41.385 ng	99
48) 2-Nitroaniline	13.75	65	110949	41.616 ng	98
49) Acenaphthylene	14.39	152	691691	40.788 ng	99
50) Dimethylphthalate	14.12	163	595186	41.299 ng	99
51) 2,6-Dinitrotoluene	14.24	165	136698	40.528 ng	97
52) Acenaphthene	14.73	154	415762	40.190 ng	99
53) 3-Nitroaniline	14.57	138	135853	40.963 ng	100
54) 2,4-Dinitrophenol	14.78	184	77449	39.146 ng	98
55) Dibenzofuran	15.07	168	691866	41.059 ng	99
56) 4-Nitrophenol	14.89	139	90292	37.738 ng	98
57) 2,4-Dinitrotoluene	15.03	165	193169	40.963 ng	98
58) Fluorene	15.72	166	552098	40.277 ng	100
59) 2,3,4,6-Tetrachlorophenol	15.30	232	178983	40.894 ng	98
60) Diethylphthalate	15.48	149	566390	40.623 ng	99
61) 4-Chlorophenyl-phenylether	15.71	204	337205	40.965 ng	98
62) 4-Nitroaniline	15.74	138	135480	38.657 ng	97
63) Azobenzene	16.00	77	388601	39.995 ng	98
65) 4,6-Dinitro-2-methylphenol	15.80	198	112558	43.414 ng	96
66) n-Nitrosodiphenylamine	15.92	169	502206	42.237 ng	100
67) 4-Bromophenyl-phenylether	16.60	248	231039	42.726 ng	99
68) Hexachlorobenzene	16.73	284	245496	42.382 ng	98
69) Atrazine	16.87	200	161388	39.599 ng	99
70) Pentachlorophenol	17.08	266	125983	40.859 ng	99
71) Phenanthrene	17.46	178	869621	41.092 ng	99
72) Anthracene	17.55	178	868673	41.157 ng	100
73) Carbazole	17.82	167	741469	39.547 ng	99
74) Di-n-butylphthalate	18.38	149	861106	39.373 ng	99
75) Fluoranthene	19.48	202	959797	37.610 ng	99
77) Benzidine	19.65	184	314536	37.158 ng	98
78) Pyrene	19.83	202	941035m	47.903 ng	
80) Butylbenzylphthalate	20.72	149	310246	39.848 ng	100
81) Benzo(a)anthracene	21.68	228	816284	41.634 ng	100
82) 3,3'-Dichlorobenzidine	21.59	252	312506	40.046 ng	98
83) Chrysene	21.74	228	792408	42.249 ng	99
84) Bis(2-ethylhexyl)phthalate	21.58	149	447769	41.247 ng	99
85) Di-n-octyl phthalate	22.80	149	789117	42.616 ng	100
86) Indeno(1,2,3-cd)pyrene	28.66	276	1061363	42.383 ng	99
88) Benzo(b)fluoranthene	23.91	252	909571	41.741 ng	100
89) Benzo(k)fluoranthene	23.98	252	882684	41.439 ng	99
90) Benzo(a)pyrene	24.79	252	865070	41.430 ng	99
91) Dibenzo(a,h)anthracene	28.72	278	861469	41.356 ng	98
92) Benzo(g,h,i)perylene	29.81	276	844495	40.683 ng	98

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

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