Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082219\
Data File : BG042403.D
Acq On : 22 Aug 2019 16:23
Operator : HP/JU
Sample : SSTDICV040
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
ICVBG082219

Manual Integrations APPROVED
Jagrut
8/23/2019 2:54:16 PM

Quant Time: Aug 22 17:28:44 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 22 14:29:15 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	47870	20.00	ng		0.00
21) Naphthalene-d8	10.83	136	200401	20.00	ng		0.00
39) Acenaphthene-d10	14.66	164	150191	20.00	ng		0.00
64) Phenanthrene-d10	17.42	188	356236	20.00	ng		0.00
76) Chrysene-d12	21.69	240	355807	20.00	ng		0.00
87) Perylene-d12	24.94	264	433116	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.56	112	195305	82.63	ng		0.00
7) Phenol-d6	7.17	99	262678	82.27	ng		0.00
23) Nitrobenzene-d5	9.17	82	236009	81.38	ng		0.00
42) 2,4,6-Tribromophenol	16.15	330	178708	83.72	ng		0.00
45) 2-Fluorobiphenyl	13.28	172	752370	84.72	ng		0.00
79) Terphenyl-d14	20.03	244	1355991	82.39	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.42	88	41894	42.472	ng		98
3) Pyridine	3.83	79	108392	42.855	ng		97
4) n-Nitrosodimethylamine	3.74	42	36449	40.347	ng		92
6) Aniline	7.32	93	175680	41.255	ng		98
8) 2-Chlorophenol	7.57	128	117559	41.040	ng		99
9) Benzaldehyde	7.14	77	60202	37.664	ng		99
10) Phenol	7.19	94	132358	40.774	ng		95
11) bis(2-Chloroethyl)ether	7.42	93	104097	40.832	ng		96
12) 1,3-Dichlorobenzene	7.89	146	148202	40.670	ng		98
13) 1,4-Dichlorobenzene	8.04	146	150163	40.682	ng		98
14) 1,2-Dichlorobenzene	8.36	146	144653	40.922	ng		99
15) Benzyl Alcohol	8.25	79	92857	40.426	ng		96
16) 2,2'-oxybis(1-Chloropropan	8.53	45	139070	40.247	ng		99
17) 2-Methylphenol	8.45	107	95466	39.928	ng		97
18) Hexachloroethane	9.10	117	51441	40.709	ng		93
19) n-Nitroso-di-n-propylamine	8.82	70	83099	40.175	ng		96
20) 3+4-Methylphenols	8.79	107	134457	40.640	ng		99
22) Acetophenone	8.83	105	175386	40.918	ng	#	99
24) Nitrobenzene	9.22	77	119455	40.677	ng		99
25) Isophorone	9.74	82	233131	40.734	ng		98
26) 2-Nitrophenol	9.93	139	74399	40.428	ng		98
27) 2,4-Dimethylphenol	10.00	122	103194	40.707	ng		98
28) bis(2-Chloroethoxy)methane	10.23	93	147879	40.995	ng		98
29) 2,4-Dichlorophenol	10.48	162	137345	41.410	ng		98
30) 1,2,4-Trichlorobenzene	10.69	180	166005	40.777	ng		96
31) Naphthalene	10.88	128	385884	41.475	ng		98
32) Benzoic acid	10.13	122	64793	37.393	ng		97
33) 4-Chloroaniline	10.98	127	178075	41.461	ng		98
34) Hexachlorobutadiene	11.17	225	112465	41.106	ng		99
35) Caprolactam	11.75	113	45207	40.848	ng		96
36) 4-Chloro-3-methylphenol	12.12	107	129939	41.270	ng		97
37) 2-Methylnaphthalene	12.49	142	307015	41.095	ng		98
38) 1-Methylnaphthalene	12.71	142	293512	41.362	ng		100
40) 1,2,4,5-Tetrachlorobenzene	12.86	216	197600	40.969	ng		100

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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	12.83	237	99778	39.383	ng		97
43) 2,4,6-Trichlorophenol	13.10	196	134631	41.296	ng		96
44) 2,4,5-Trichlorophenol	13.18	196	138160	40.895	ng		95
46) 1,1'-Biphenyl	13.49	154	404800	41.696	ng		99
47) 2-Chloronaphthalene	13.54	162	349753	41.780	ng		99
48) 2-Nitroaniline	13.74	65	82762	40.998	ng		98
49) Acenaphthylene	14.39	152	534519	42.442	ng		99
50) Dimethylphthalate	14.12	163	457955	42.259	ng		100
51) 2,6-Dinitrotoluene	14.23	165	104301	41.523	ng		97
52) Acenaphthene	14.73	154	319346	41.758	ng		99
53) 3-Nitroaniline	14.57	138	106549	42.414	ng		97
54) 2,4-Dinitrophenol	14.78	184	62582	40.328	ng		95
55) Dibenzofuran	15.06	168	534044	42.188	ng		100
56) 4-Nitrophenol	14.89	139	76813	43.031	ng		97
57) 2,4-Dinitrotoluene	15.03	165	151716	42.179	ng		98
58) Fluorene	15.71	166	436581	42.191	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.30	232	138697m	41.513	ng		
60) Diethylphthalate	15.48	149	445435	42.048	ng		98
61) 4-Chlorophenyl-phenylether	15.70	204	258466	41.435	ng		99
62) 4-Nitroaniline	15.73	138	111427	41.444	ng		99
63) Azobenzene	16.00	77	302488	41.671	ng		98
65) 4,6-Dinitro-2-methylphenol	15.80	198	91384	40.916	ng		98
66) n-Nitrosodiphenylamine	15.92	169	397416	40.566	ng		98
67) 4-Bromophenyl-phenylether	16.60	248	183050	40.510	ng		98
68) Hexachlorobenzene	16.73	284	199816	40.678	ng		98
69) Atrazine	16.87	200	129090	37.262	ng		98
70) Pentachlorophenol	17.07	266	104029	40.760	ng		99
71) Phenanthrene	17.46	178	741251	41.891	ng		99
72) Anthracene	17.55	178	742164	42.014	ng		100
73) Carbazole	17.82	167	657764	41.780	ng		99
74) Di-n-butylphthalate	18.38	149	780070	41.916	ng		100
75) Fluoranthene	19.47	202	918416	42.529	ng		99
77) Benzidine	19.65	184	408757	40.070	ng		99
78) Pyrene	19.83	202	924384	42.375	ng		99
80) Butylbenzylphthalate	20.71	149	357350	41.649	ng		100
81) Benzo(a)anthracene	21.68	228	897059	41.445	ng		100
82) 3,3'-Dichlorobenzidine	21.59	252	359326	41.278	ng		98
83) Chrysene	21.74	228	866004	41.487	ng		99
84) Bis(2-ethylhexyl)phthalate	21.58	149	494717	41.528	ng		99
85) Di-n-octyl phthalate	22.80	149	857282	41.841	ng		100
86) Indeno(1,2,3-cd)pyrene	28.65	276	1177838	41.521	ng	#	95
88) Benzo(b)fluoranthene	23.91	252	996815	41.863	ng		99
89) Benzo(k)fluoranthene	23.98	252	961219	41.997	ng		99
90) Benzo(a)pyrene	24.79	252	947705	41.944	ng		99
91) Dibenzo(a,h)anthracene	28.71	278	955530	41.768	ng		99
92) Benzo(g,h,i)perylene	29.81	276	948042	41.434	ng		99

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

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