Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG051119\
Data File : BG040885.D
Acq On : 11 May 2019 22:23
Operator : HP/JU
Sample : K2764-21MSD
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
P026-SS002-1218-01MSD

Manual Integrations APPROVED
Sohil
5/14/2019 8:01:45 PM

Quant Time: May 13 04:17:12 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG042319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 24 05:35:33 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.13	152	66488	20.00	ng		-0.03
21) Naphthalene-d8	10.96	136	283123	20.00	ng		-0.03
39) Acenaphthene-d10	14.76	164	217590	20.00	ng		-0.03
64) Phenanthrene-d10	17.51	188	536371	20.00	ng		-0.03
76) Chrysene-d12	21.79	240	526928	20.00	ng		-0.03
87) Perylene-d12	25.14	264	587662	20.00	ng		-0.07
System Monitoring Compounds							
5) 2-Fluorophenol	5.66	112	404341	107.20	ng		-0.02
7) Phenol-d6	7.27	99	616600	106.17	ng		-0.02
23) Nitrobenzene-d5	9.31	82	416306	67.94	ng		-0.03
42) 2,4,6-Tribromophenol	16.25	330	307413	102.79	ng		-0.02
45) 2-Fluorobiphenyl	13.39	172	813051	53.96	ng		-0.03
79) Terphenyl-d14	20.10	244	1303693	54.81	ng		-0.03
Target Compounds							Qvalue
2) 1,4-Dioxane	3.53	88	42854	24.983	ng		93
3) Pyridine	3.94	79	100231	20.159	ng		99
4) n-Nitrosodimethylamine	3.86	42	75072	27.222	ng		87
6) Aniline	7.46	93	97710	12.694	ng		94
8) 2-Chlorophenol	7.69	128	158640	34.446	ng		99
9) Benzaldehyde	7.27	77	85182	20.679	ng		94
10) Phenol	7.30	94	221992	35.560	ng		96
11) bis(2-Chloroethyl)ether	7.55	93	141679	30.265	ng		98
12) 1,3-Dichlorobenzene	8.02	146	158806	31.591	ng		96
13) 1,4-Dichlorobenzene	8.17	146	164422	32.266	ng		99
14) 1,2-Dichlorobenzene	8.49	146	158418	32.235	ng		99
15) Benzyl Alcohol	8.37	79	188539	31.201	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.66	45	243765	26.154	ng		94
17) 2-Methylphenol	8.57	107	153413	34.725	ng		91
18) Hexachloroethane	9.22	117	61035	29.198	ng		93
19) n-Nitroso-di-n-propylamine	8.94	70	148793	28.462	ng		94
20) 3+4-Methylphenols	8.90	107	212756	34.569	ng		97
22) Acetophenone	8.97	105	267378	33.962	ng	#	96
24) Nitrobenzene	9.35	77	221610	33.898	ng		95
25) Isophorone	9.87	82	422768	30.975	ng		98
26) 2-Nitrophenol	10.06	139	98059	41.844	ng		93
27) 2,4-Dimethylphenol	10.11	122	174623	39.715	ng		98
28) bis(2-Chloroethoxy)methane	10.35	93	215426	31.459	ng		98
29) 2,4-Dichlorophenol	10.59	162	198805	39.771	ng		97
30) 1,2,4-Trichlorobenzene	10.81	180	203551	36.720	ng		97
31) Naphthalene	11.01	128	508602	33.813	ng		99
32) Benzoic acid	10.23	122	113971	37.864	ng		88
33) 4-Chloroaniline	11.12	127	46523	6.976	ng		95
34) Hexachlorobutadiene	11.27	225	145153	35.469	ng		99
35) Caprolactam	11.90	113	63450m	32.150	ng		
36) 4-Chloro-3-methylphenol	12.22	107	224953	35.673	ng		99
37) 2-Methylnaphthalene	12.60	142	385255	34.257	ng		97
38) 1-Methylnaphthalene	12.82	142	372998	33.932	ng		97
40) 1,2,4,5-Tetrachlorobenzene	12.96	216	272624	33.633	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.93	237	345183	72.168	ng		99
43) 2,4,6-Trichlorophenol	13.20	196	188691	38.521	ng		97
44) 2,4,5-Trichlorophenol	13.27	196	200238	37.525	ng		97
46) 1,1'-Biphenyl	13.60	154	520591	30.815	ng		97
47) 2-Chloronaphthalene	13.65	162	431168	32.612	ng		98
48) 2-Nitroaniline	13.85	65	163798	34.805	ng		99
49) Acenaphthylene	14.49	152	690223	30.771	ng		98
50) Dimethylphthalate	14.21	163	673338	36.986	ng		99
51) 2,6-Dinitrotoluene	14.34	165	128744	36.234	ng		90
52) Acenaphthene	14.83	154	401581	30.742	ng		97
53) 3-Nitroaniline	14.67	138	53395	14.667	ng	#	91
54) 2,4-Dinitrophenol	14.88	184	186151	91.763	ng	#	86
55) Dibenzofuran	15.16	168	673901	31.496	ng		96
56) 4-Nitrophenol	14.96	139	213139	67.518	ng		95
57) 2,4-Dinitrotoluene	15.12	165	184250	38.162	ng		89
58) Fluorene	15.81	166	532403	30.786	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.38	232	212564	39.578	ng		94
60) Diethylphthalate	15.56	149	592193	30.830	ng		98
61) 4-Chlorophenyl-phenylether	15.79	204	333572	33.164	ng		97
62) 4-Nitroaniline	15.84	138	125821	30.896	ng		90
63) Azobenzene	16.09	77	544127	27.507	ng		97
65) 4,6-Dinitro-2-methylphenol	15.88	198	118458	45.292	ng		91
66) n-Nitrosodiphenylamine	16.01	169	491876	31.170	ng		99
67) 4-Bromophenyl-phenylether	16.69	248	220985	33.070	ng		92
68) Hexachlorobenzene	16.80	284	228491	33.068	ng		97
69) Atrazine	16.95	200	216340	34.602	ng		98
70) Pentachlorophenol	17.14	266	308312	76.252	ng		98
71) Phenanthrene	17.55	178	1030408	35.666	ng		98
72) Anthracene	17.64	178	926532	31.906	ng		98
73) Carbazole	17.91	167	822444	31.086	ng		98
74) Di-n-butylphthalate	18.45	149	930857	29.150	ng		99
75) Fluoranthene	19.55	202	1383437	38.427	ng		99
77) Benzidine	19.73	184	87937	6.095	ng		99
78) Pyrene	19.92	202	1598289	48.396	ng		95
80) Butylbenzylphthalate	20.78	149	436284	33.895	ng		94
81) Benzo(a)anthracene	21.77	228	1294346	38.867	ng		99
82) 3,3'-Dichlorobenzidine	21.69	252	196416	16.548	ng		98
83) Chrysene	21.84	228	1297139	40.956	ng		98
84) Bis(2-ethylhexyl)phthalate	21.64	149	616228	33.165	ng		96
85) Di-n-octyl phthalate	22.89	149	1039796	33.229	ng		97
86) Indeno(1,2,3-cd)pyrene	29.00	276	1514852	39.560	ng	#	92
88) Benzo(b)fluoranthene	24.07	252	1373525	38.248	ng		99
89) Benzo(k)fluoranthene	24.14	252	1183820	35.298	ng	#	98
90) Benzo(a)pyrene	24.98	252	1261972	37.125	ng		97
91) Dibenzo(a,h)anthracene	29.07	278	1159812	33.716	ng	#	98
92) Benzo(g,h,i)perylene	30.21	276	1282680	37.466	ng		95

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

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