Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061620\
Data File : BG045777.D
Acq On : 16 Jun 2020 18:01
Operator : CG/JU
Sample : L2808-05MS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : HR-06-061120MS

Manual Integrations APPROVED
mohammad
6/18/2020 11:51:33 AM

Quant Time: Jun 17 02:58:27 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG061520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 15 18:34:19 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.92	152	57043	20.00	ng		0.00
21) Naphthalene-d8	10.72	136	219579	20.00	ng		0.00
39) Acenaphthene-d10	14.57	164	165142	20.00	ng		0.00
64) Phenanthrene-d10	17.32	188	397830	20.00	ng		0.00
76) Chrysene-d12	21.57	240	375407	20.00	ng		0.00
86) Perylene-d12	24.70	264	412887	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.54	112	354867	105.09	ng		0.00
7) Phenol-d6	7.17	99	435603	84.81	ng		0.00
23) Nitrobenzene-d5	9.09	82	385064	80.11	ng		0.00
42) 2,4,6-Tribromophenol	16.07	330	299468	120.11	ng		0.00
45) 2-Fluorobiphenyl	13.19	172	883672	78.64	ng		0.00
79) Terphenyl-d14	19.94	244	1532707	82.74	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.37	88	52754	34.109	ng	#	41
3) Pyridine	3.78	79	141500	30.874	ng		98
4) n-Nitrosodimethylamine	3.68	42	65829	42.791	ng		95
6) Aniline	7.25	93	109437	18.095	ng		99
8) 2-Chlorophenol	7.51	128	156350	43.256	ng		95
9) Benzaldehyde	7.05	77	84583	27.416	ng		97
10) Phenol	7.19	94	166315	33.417	ng		97
11) bis(2-Chloroethyl)ether	7.34	93	148562	39.299	ng		97
12) 1,3-Dichlorobenzene	7.81	146	177392	41.182	ng		97
13) 1,4-Dichlorobenzene	7.95	146	178977	41.598	ng		97
14) 1,2-Dichlorobenzene	8.28	146	164656	39.975	ng		96
15) Benzyl Alcohol	8.18	79	159736	40.186	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.45	45	138853	38.973	ng		90
17) 2-Methylphenol	8.42	107	136514	36.857	ng		96
18) Hexachloroethane	9.00	117	68173	41.719	ng		96
19) n-Nitroso-di-n-propylamine	8.73	70	139453	41.296	ng	#	95
20) 3+4-Methylphenols	8.76	107	176045	36.141	ng		90
22) Acetophenone	8.75	105	253796	42.111	ng	#	99
24) Nitrobenzene	9.13	77	213782	41.714	ng		98
25) Isophorone	9.65	82	380741	40.918	ng		99
26) 2-Nitrophenol	9.84	139	90363	42.322	ng		94
27) 2,4-Dimethylphenol	9.94	122	142536	43.726	ng		95
28) bis(2-Chloroethoxy)methane	10.13	93	206646	42.515	ng		98
29) 2,4-Dichlorophenol	10.41	162	168980	44.431	ng		94
30) 1,2,4-Trichlorobenzene	10.59	180	184914	41.070	ng		99
31) Naphthalene	10.78	128	497253	41.422	ng		98
32) Benzoic acid	10.14	122	76105	38.244	ng		94
33) 4-Chloroaniline	10.91	127	24385	4.851	ng	#	94
34) Hexachlorobutadiene	11.07	225	130290	40.690	ng		95
35) Caprolactam	11.68	113	36542m	29.692	ng		
36) 4-Chloro-3-methylphenol	12.08	107	192019	43.728	ng		97
37) 2-Methylnaphthalene	12.39	142	382062	42.740	ng		99
38) 1-Methylnaphthalene	12.60	142	366537	43.329	ng		100
40) 1,2,4,5-Tetrachlorobenzene	12.76	216	217436	39.987	ng		98

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 15 18:34:19 2020
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.74	237	215026	72.474	ng		99
43) 2,4,6-Trichlorophenol	13.02	196	154078	41.792	ng		98
44) 2,4,5-Trichlorophenol	13.12	196	164925	39.250	ng		98
46) 1,1'-Biphenyl	13.40	154	486856	41.178	ng		99
47) 2-Chloronaphthalene	13.44	162	384999	40.311	ng		97
48) 2-Nitroaniline	13.66	65	127848	40.243	ng		98
49) Acenaphthylene	14.29	152	624344	40.813	ng		98
50) Dimethylphthalate	14.03	163	644934	49.851	ng		100
51) 2,6-Dinitrotoluene	14.15	165	119863	41.251	ng		93
52) Acenaphthene	14.63	154	382334	41.232	ng		96
53) 3-Nitroaniline	14.50	138	43055	14.834	ng		99
54) 2,4-Dinitrophenol	14.70	184	140144	85.889	ng		93
55) Dibenzofuran	14.97	168	623400	41.385	ng		99
56) 4-Nitrophenol	14.88	139	132416	64.490	ng		97
57) 2,4-Dinitrotoluene	14.94	165	171825	41.272	ng		99
58) Fluorene	15.62	166	526867	42.063	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.22	232	163290	44.774	ng		97
60) Diethylphthalate	15.40	149	552468	41.774	ng		97
61) 4-Chlorophenyl-phenylether	15.61	204	293833	40.701	ng		99
62) 4-Nitroaniline	15.67	138	101000	33.907	ng		91
63) Azobenzene	15.91	77	539644	42.496	ng		98
65) 4,6-Dinitro-2-methylphenol	15.71	198	113801	46.287	ng		95
66) n-Nitrosodiphenylamine	15.83	169	467150	41.457	ng		100
67) 4-Bromophenyl-phenylether	16.51	248	207762	40.192	ng		97
68) Hexachlorobenzene	16.63	284	222207	41.454	ng		93
69) Atrazine	16.79	200	179581	41.070	ng		98
70) Pentachlorophenol	16.99	266	237215	88.805	ng		97
71) Phenanthrene	17.36	178	855998	41.720	ng		98
72) Anthracene	17.45	178	863282	42.253	ng		99
73) Carbazole	17.73	167	791490	40.685	ng		98
74) Di-n-butylphthalate	18.29	149	934483	40.568	ng		100
75) Fluoranthene	19.37	202	1052707	41.725	ng		100
77) Benzidine	19.56	184	234236	24.001	ng		98
78) Pyrene	19.74	202	1031407	41.029	ng		99
80) Butylbenzylphthalate	20.62	149	426772	40.559	ng		96
81) Benzo(a)anthracene	21.56	228	1000692	41.115	ng		100
82) 3,3'-Dichlorobenzidine	21.48	252	146737	15.939	ng	#	96
83) Chrysene	21.62	228	958483	40.715	ng		98
84) Bis(2-ethylhexyl)phthalate	21.47	149	681374	46.554	ng		97
85) Di-n-octyl phthalate	22.65	149	1015768	40.234	ng		100
87) Indeno(1,2,3-cd)pyrene	28.26	276	1282648	42.851	ng	#	98
88) Benzo(b)fluoranthene	23.72	252	1093494	42.240	ng		98
89) Benzo(k)fluoranthene	23.78	252	1047970	42.297	ng		97
90) Benzo(a)pyrene	24.56	252	991984	41.021	ng		99
91) Dibenzo(a,h)anthracene	28.31	278	1048903	43.699	ng		99
92) Benzo(g,h,i)perylene	29.36	276	1050035	43.706	ng		98

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

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