Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG051220\
Data File : BG045343.D
Acq On : 13 May 2020 00:24
Operator : CG/JU
Sample : PB128803BS
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB128803BS

Manual Integrations APPROVED
mohammad
5/14/2020 11:53:55 AM

Quant Time: May 13 02:16:23 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG041520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 12 15:48:20 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.98	152	61052	20.00	ng	0.00
21) Naphthalene-d8	10.78	136	250691	20.00	ng	0.00
39) Acenaphthene-d10	14.62	164	187636	20.00	ng	0.00
64) Phenanthrene-d10	17.36	188	440436	20.00	ng	0.00
76) Chrysene-d12	21.63	240	415633	20.00	ng	0.00
87) Perylene-d12	24.79	264	458458	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.54	112	463135	125.24	ng	0.00
7) Phenol-d6	7.14	99	654223	119.07	ng	0.00
23) Nitrobenzene-d5	9.13	82	412861	75.15	ng	0.00
42) 2,4,6-Tribromophenol	16.11	330	323326	111.54	ng	0.00
45) 2-Fluorobiphenyl	13.24	172	969643	75.77	ng	0.00
79) Terphenyl-d14	19.98	244	1704660	89.39	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.42	88	52880	32.176	ng	96
3) Pyridine	3.82	79	128869	25.468	ng	94
4) n-Nitrosodimethylamine	3.73	42	59670	38.494	ng	97
6) Aniline	7.29	93	207239	29.010	ng	98
8) 2-Chlorophenol	7.54	128	166526	41.900	ng	99
9) Benzaldehyde	7.11	77	126222	41.086	ng	98
10) Phenol	7.17	94	222723	40.509	ng	98
11) bis(2-Chloroethyl)ether	7.39	93	153266	35.013	ng	94
12) 1,3-Dichlorobenzene	7.86	146	176016	37.584	ng	98
13) 1,4-Dichlorobenzene	8.01	146	177455	38.027	ng	99
14) 1,2-Dichlorobenzene	8.33	146	169657	38.002	ng	99
15) Benzyl Alcohol	8.21	79	171829	37.301	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.50	45	142125	33.075	ng	96
17) 2-Methylphenol	8.42	107	152072	35.849	ng	98
18) Hexachloroethane	9.06	117	66262	37.771	ng	97
19) n-Nitroso-di-n-propylamine	8.78	70	137929	35.498	ng	99
20) 3+4-Methylphenols	8.74	107	208506	35.116	ng	98
22) Acetophenone	8.79	105	253666	37.418	ng	97
24) Nitrobenzene	9.17	77	208731	37.063	ng	93
25) Isophorone	9.70	82	394561	35.068	ng	100
26) 2-Nitrophenol	9.89	139	93425	38.512	ng	93
27) 2,4-Dimethylphenol	9.95	122	163854	42.569	ng	99
28) bis(2-Chloroethoxy)methane	10.18	93	217275	36.754	ng	99
29) 2,4-Dichlorophenol	10.43	162	174661	39.298	ng	98
30) 1,2,4-Trichlorobenzene	10.65	180	184161	36.597	ng	97
31) Naphthalene	10.83	128	509980	37.187	ng	99
32) Benzoic acid	10.10	122	87660	30.822	ng	100
33) 4-Chloroaniline	10.94	127	110827	17.328	ng	96
34) Hexachlorobutadiene	11.12	225	127271	36.889	ng	99
35) Caprolactam	11.69	113	65968m	37.293	ng	
36) 4-Chloro-3-methylphenol	12.07	107	205932	39.442	ng	99
37) 2-Methylnaphthalene	12.44	142	393144	36.934	ng	96
38) 1-Methylnaphthalene	12.66	142	373637	37.182	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.82	216	218590	36.182	ng	99

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 12 15:48:20 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.80	237	294761	78.063	ng		98
43) 2,4,6-Trichlorophenol	13.05	196	158505	37.175	ng		94
44) 2,4,5-Trichlorophenol	13.13	196	174158	35.884	ng		96
46) 1,1'-Biphenyl	13.45	154	509112	35.698	ng		98
47) 2-Chloronaphthalene	13.49	162	391472	35.924	ng		99
48) 2-Nitroaniline	13.68	65	131227	36.600	ng		99
49) Acenaphthylene	14.34	152	660502	37.211	ng		99
50) Dimethylphthalate	14.07	163	557857	36.513	ng		99
51) 2,6-Dinitrotoluene	14.18	165	126409	36.991	ng		97
52) Acenaphthene	14.68	154	493910m	41.126	ng		
53) 3-Nitroaniline	14.51	138	76871	20.510	ng		88
54) 2,4-Dinitrophenol	14.72	184	154804	76.182	ng		92
55) Dibenzofuran	15.02	168	637976	36.437	ng		99
56) 4-Nitrophenol	14.84	139	213124	73.338	ng		98
57) 2,4-Dinitrotoluene	14.98	165	183261	36.696	ng		96
58) Fluorene	15.66	166	530744	37.110	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.25	232	170087	39.387	ng	#	98
60) Diethylphthalate	15.44	149	577063	36.227	ng		99
61) 4-Chlorophenyl-phenylether	15.66	204	293156	35.612	ng		97
62) 4-Nitroaniline	15.68	138	125814	32.365	ng		95
63) Azobenzene	15.95	77	539366	36.727	ng		98
65) 4,6-Dinitro-2-methylphenol	15.75	198	118897	41.070	ng		97
66) n-Nitrosodiphenylamine	15.87	169	480448	37.966	ng		98
67) 4-Bromophenyl-phenylether	16.55	248	202688	35.672	ng		96
68) Hexachlorobenzene	16.68	284	221780	37.635	ng		97
69) Atrazine	16.82	200	186379	39.832	ng		99
70) Pentachlorophenol	17.02	266	260618	72.092	ng		98
71) Phenanthrene	17.41	178	876348	38.720	ng		99
72) Anthracene	17.50	178	906340	39.921	ng		99
73) Carbazole	17.77	167	830910	36.065	ng		99
74) Di-n-butylphthalate	18.33	149	996715	38.923	ng		99
75) Fluoranthene	19.42	202	1105023	40.989	ng		98
77) Benzidine	19.59	184	546640	45.470	ng		97
78) Pyrene	19.78	202	1097653	38.307	ng		97
80) Butylbenzylphthalate	20.67	149	453554	38.186	ng		99
81) Benzo(a)anthracene	21.61	228	1037644	38.518	ng		98
82) 3,3'-Dichlorobenzidine	21.52	252	257927	24.055	ng	#	98
83) Chrysene	21.67	228	989217	38.218	ng		99
84) Bis(2-ethylhexyl)phthalate	21.53	149	625315	38.280	ng		97
85) Di-n-octyl phthalate	22.72	149	1069793	37.871	ng		100
86) Indeno(1,2,3-cd)pyrene	28.38	276	1297484	37.756	ng	#	97
88) Benzo(b)fluoranthene	23.79	252	1099042	38.271	ng		98
89) Benzo(k)fluoranthene	23.86	252	1061041	38.851	ng		97
90) Benzo(a)pyrene	24.65	252	1007893	37.173	ng		98
91) Dibenzo(a,h)anthracene	28.45	278	1057717	38.714	ng		96
92) Benzo(g,h,i)perylene	29.50	276	1074638	39.233	ng		97

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

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