Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG060220\
Data File : BG045572.D
Acq On : 2 Jun 2020 10:53
Operator : CG/JU
Sample : PB129213BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jun 02 11:33:18 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG051520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 01 15:07:00 2020
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
PB129213BS

Manual Integrations APPROVED
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6/3/2020 4:35:20 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.96	152	54367	20.00	ng	0.00
21) Naphthalene-d8	10.76	136	216593	20.00	ng	0.00
39) Acenaphthene-d10	14.60	164	160048	20.00	ng	0.00
64) Phenanthrene-d10	17.35	188	394037	20.00	ng	0.00
76) Chrysene-d12	21.61	240	379106	20.00	ng	0.00
87) Perylene-d12	24.76	264	399148	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.54	112	445780	160.24	ng	0.00
7) Phenol-d6	7.15	99	614003	155.07	ng	0.00
23) Nitrobenzene-d5	9.12	82	394687	99.37	ng	0.00
42) 2,4,6-Tribromophenol	16.09	330	311849	152.36	ng	0.00
45) 2-Fluorobiphenyl	13.22	172	900113	95.40	ng	0.00
79) Terphenyl-d14	19.96	244	1650990	101.57	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.40	88	55562	40.276	ng	98
3) Pyridine	3.80	79	126899	33.029	ng	95
4) n-Nitrosodimethylamine	3.71	42	60793	48.355	ng	88
6) Aniline	7.28	93	204625	39.589	ng	98
8) 2-Chlorophenol	7.53	128	158980	52.112	ng	97
9) Benzaldehyde	7.08	77	98908	38.341	ng	93
10) Phenol	7.18	94	208215	51.023	ng	98
11) bis(2-Chloroethyl)ether	7.37	93	144764	45.480	ng	99
12) 1,3-Dichlorobenzene	7.84	146	170515	46.511	ng	99
13) 1,4-Dichlorobenzene	7.99	146	169155	46.754	ng	98
14) 1,2-Dichlorobenzene	8.31	146	160068	46.000	ng	99
15) Benzyl Alcohol	8.20	79	162426	49.658	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.49	45	136856	45.295	ng	99
17) 2-Methylphenol	8.42	107	142614	46.690	ng	98
18) Hexachloroethane	9.04	117	68308	49.296	ng	97
19) n-Nitroso-di-n-propylamine	8.76	70	132224	48.291	ng	99
20) 3+4-Methylphenols	8.75	107	195398	46.978	ng	95
22) Acetophenone	8.77	105	235295	45.835	ng	96
24) Nitrobenzene	9.16	77	198574	46.663	ng	99
25) Isophorone	9.68	82	368986	47.172	ng	98
26) 2-Nitrophenol	9.87	139	91493	50.260	ng	95
27) 2,4-Dimethylphenol	9.95	122	146496	54.258	ng	97
28) bis(2-Chloroethoxy)methane	10.17	93	202504	49.365	ng	94
29) 2,4-Dichlorophenol	10.43	162	162598	50.998	ng	99
30) 1,2,4-Trichlorobenzene	10.63	180	177447	47.100	ng	95
31) Naphthalene	10.81	128	476215	47.182	ng	98
32) Benzoic acid	10.12	122	92791	50.003	ng	96
33) 4-Chloroaniline	10.92	127	134618	31.908	ng	97
34) Hexachlorobutadiene	11.10	225	121138	45.487	ng	97
35) Caprolactam	11.69	113	64028m	54.712	ng	
36) 4-Chloro-3-methylphenol	12.08	107	190985	53.159	ng	95
37) 2-Methylnaphthalene	12.42	142	365742	48.618	ng	98
38) 1-Methylnaphthalene	12.64	142	344874	48.531	ng	95
40) 1,2,4,5-Tetrachlorobenzene	12.79	216	204589	45.765	ng	99

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Quant Time: Jun 02 11:33:18 2020
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 01 15:07:00 2020
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.78	237	251626	97.521	ng		99
43) 2,4,6-Trichlorophenol	13.04	196	149713	48.210	ng		99
44) 2,4,5-Trichlorophenol	13.13	196	157683	44.434	ng		97
46) 1,1'-Biphenyl	13.43	154	471626	47.958	ng		99
47) 2-Chloronaphthalene	13.47	162	359026	44.958	ng		99
48) 2-Nitroaniline	13.67	65	126737	48.246	ng		99
49) Acenaphthylene	14.32	152	609784	47.539	ng		97
50) Dimethylphthalate	14.06	163	520464	47.405	ng		100
51) 2,6-Dinitrotoluene	14.17	165	117254	47.328	ng		95
52) Acenaphthene	14.66	154	446658m	52.020	ng		
53) 3-Nitroaniline	14.51	138	86446	34.325	ng		99
54) 2,4-Dinitrophenol	14.71	184	135285	83.131	ng		96
55) Dibenzofuran	15.00	168	596113	46.751	ng		97
56) 4-Nitrophenol	14.85	139	186640	97.886	ng		91
57) 2,4-Dinitrotoluene	14.97	165	175593	48.939	ng	#	98
58) Fluorene	15.65	166	492036	46.971	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.24	232	152513	48.850	ng		98
60) Diethylphthalate	15.42	149	544239	47.625	ng		98
61) 4-Chlorophenyl-phenylether	15.64	204	275795	46.009	ng		99
62) 4-Nitroaniline	15.68	138	126278	48.030	ng		97
63) Azobenzene	15.94	77	510572	47.916	ng		99
65) 4,6-Dinitro-2-methylphenol	15.74	198	110792	48.278	ng		99
66) n-Nitrosodiphenylamine	15.86	169	453829	47.969	ng		95
67) 4-Bromophenyl-phenylether	16.53	248	192974	45.227	ng		96
68) Hexachlorobenzene	16.66	284	213487	47.838	ng		99
69) Atrazine	16.81	200	183568	47.107	ng		98
70) Pentachlorophenol	17.01	266	218531	94.308	ng		97
71) Phenanthrene	17.39	178	832585	48.401	ng		99
72) Anthracene	17.48	178	858229	49.681	ng		99
73) Carbazole	17.75	167	822137	48.824	ng		100
74) Di-n-butylphthalate	18.31	149	975735	48.278	ng		99
75) Fluoranthene	19.40	202	1052219	48.091	ng		99
77) Benzidine	19.58	184	517849	48.636	ng		99
78) Pyrene	19.76	202	1058285	48.971	ng		99
80) Butylbenzylphthalate	20.65	149	426123	45.683	ng		99
81) Benzo(a)anthracene	21.59	228	1001781	47.436	ng		99
82) 3,3'-Dichlorobenzidine	21.50	252	303881	36.683	ng		100
83) Chrysene	21.66	228	955083	47.033	ng		100
84) Bis(2-ethylhexyl)phthalate	21.50	149	600415	46.826	ng		100
85) Di-n-octyl phthalate	22.69	149	1010970	45.906	ng		100
86) Indeno(1,2,3-cd)pyrene	28.34	276	1216141	45.798	ng		98
88) Benzo(b)fluoranthene	23.77	252	1054689	49.269	ng		99
89) Benzo(k)fluoranthene	23.82	252	1020495	50.742	ng		99
90) Benzo(a)pyrene	24.61	252	954499	47.876	ng		98
91) Dibenzo(a,h)anthracene	28.40	278	1006432	50.235	ng		97
92) Benzo(g,h,i)perylene	29.45	276	1016143	50.713	ng		98

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

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