Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG101922\
Data File : BG055214.D
Acq On : 19 Oct 2022 20:35
Operator : CG/JU
Sample : PB148413BS
Misc :
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Oct 20 09:41:00 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG101922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 20 09:21:42 2022
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
PB148413BS

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 10/21/2022
Supervised By :Jagrut Upadhyay 10/24/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.288	152	36813	20.000	ng		0.00
21) Naphthalene-d8	11.120	136	181434	20.000	ng		0.00
39) Acenaphthene-d10	14.898	164	127059	20.000	ng		0.00
64) Phenanthrene-d10	17.630	188	286973	20.000	ng		0.00
76) Chrysene-d12	21.919	240	242072	20.000	ng		0.00
86) Perylene-d12	25.327	264	245686	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.808	112	355873	173.924	ng		0.00
7) Phenol-d6	7.430	99	506730	162.524	ng		0.00
23) Nitrobenzene-d5	9.463	82	312927	83.267	ng		0.00
42) 2,4,6-Tribromophenol	16.378	330	191221	145.240	ng		0.00
45) 2-Fluorobiphenyl	13.529	172	675425	84.910	ng		0.00
79) Terphenyl-d14	20.209	244	1106626	85.180	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.623	88	35485	35.661	ng		95
3) Pyridine	4.040	79	102707	32.778	ng		98
4) n-Nitrosodimethylamine	3.946	42	65015	44.342	ng		99
6) Aniline	7.600	93	185761	45.956	ng		98
8) 2-Chlorophenol	7.847	128	132724	53.650	ng		99
9) Benzaldehyde	7.412	77	87340	40.298	ng		97
10) Phenol	7.454	94	188366	53.476	ng		100
11) bis(2-Chloroethyl)ether	7.694	93	127428	46.985	ng		98
12) 1,3-Dichlorobenzene	8.176	146	121856	45.408	ng		100
13) 1,4-Dichlorobenzene	8.323	146	125678	45.846	ng		99
14) 1,2-Dichlorobenzene	8.646	146	122761	46.999	ng		98
15) Benzyl Alcohol	8.523	79	138478m	51.715	ng		
16) 2,2'-oxybis(1-Chloropr...	8.811	45	225636	46.163	ng		99
17) 2-Methylphenol	8.723	107	130633	53.577	ng		97
18) Hexachloroethane	9.387	117	46304	46.666	ng		94
19) n-Nitroso-di-n-propyla...	9.093	70	126114	47.161	ng		99
20) 3+4-Methylphenols	9.052	107	180648	52.713	ng		99
22) Acetophenone	9.116	105	213609	43.525	ng	#	99
24) Nitrobenzene	9.504	77	170007	42.305	ng		99
25) Isophorone	10.027	82	348467	45.321	ng		99
26) 2-Nitrophenol	10.221	139	76627	48.474	ng		98
27) 2,4-Dimethylphenol	10.268	122	145883	57.950	ng		96
28) bis(2-Chloroethoxy)met...	10.503	93	194550	52.656	ng		100
29) 2,4-Dichlorophenol	10.756	162	133768	49.769	ng		97
30) 1,2,4-Trichlorobenzene	10.979	180	116072	42.179	ng		98
31) Naphthalene	11.173	128	425076	44.400	ng		99
32) Benzoic acid	10.403	122	89518	49.678	ng		98
33) 4-Chloroaniline	11.267	127	153497	38.936	ng		98
34) Hexachlorobutadiene	11.449	225	64580	38.863	ng		97
35) Caprolactam	12.036	113	58059m	49.154	ng		
36) 4-Chloro-3-methylphenol	12.365	107	174106	49.818	ng		96
37) 2-Methylnaphthalene	12.753	142	312600	42.927	ng		99
38) 1-Methylnaphthalene	12.971	142	298435	41.513	ng		100
40) 1,2,4,5-Tetrachloroben...	13.112	216	135586	45.399	ng		98
41) Hexachlorocyclopentadiene	13.088	237	153211	112.647	ng		97
43) 2,4,6-Trichlorophenol	13.341	196	106744	46.960	ng		99

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44) 2,4,5-Trichlorophenol	13.417	196	118654	47.580	ng		98
46) 1,1'-Biphenyl	13.740	154	424280	47.158	ng		100
47) 2-Chloronaphthalene	13.787	162	309037	44.616	ng		99
48) 2-Nitroaniline	13.981	65	130699	46.497	ng		98
49) Acenaphthylene	14.627	152	540236	45.592	ng		99
50) Dimethylphthalate	14.345	163	448801	44.906	ng		100
51) 2,6-Dinitrotoluene	14.463	165	95355	47.550	ng		97
52) Acenaphthene	14.962	154	382212m	50.662	ng		
53) 3-Nitroaniline	14.792	138	92196	36.908	ng		99
54) 2,4-Dinitrophenol	15.004	184	106883	105.723	ng		98
55) Dibenzofuran	15.291	168	507398	46.692	ng		100
56) 4-Nitrophenol	15.092	139	181305	103.225	ng		96
57) 2,4-Dinitrotoluene	15.250	165	137034	48.870	ng		97
58) Fluorene	15.938	166	419434	45.832	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.515	232	98933	45.556	ng		96
60) Diethylphthalate	15.691	149	488667	46.737	ng		99
61) 4-Chlorophenyl-phenyle...	15.920	204	200001	47.085	ng		97
62) 4-Nitroaniline	15.955	138	118503	46.767	ng		96
63) Azobenzene	16.214	77	501343	47.443	ng		99
65) 4,6-Dinitro-2-methylph...	16.008	198	70042	45.692	ng		98
66) n-Nitrosodiphenylamine	16.137	169	378352	47.240	ng		99
67) 4-Bromophenyl-phenylether	16.813	248	127986	45.757	ng		99
68) Hexachlorobenzene	16.942	284	138074	45.103	ng		99
69) Atrazine	17.072	200	142208	53.872	ng		99
70) Pentachlorophenol	17.277	266	157548	95.360	ng		96
71) Phenanthrene	17.677	178	678945	44.337	ng		99
72) Anthracene	17.765	178	689549	46.080	ng		99
73) Carbazole	18.029	167	662487	48.075	ng		99
74) Di-n-butylphthalate	18.564	149	841076	46.794	ng		99
75) Fluoranthene	19.663	202	773451	45.597	ng		99
77) Benzidine	19.833	184	313483	50.925	ng		99
78) Pyrene	20.021	202	770302	42.231	ng		99
80) Butylbenzylphthalate	20.885	149	375036	43.989	ng		99
81) Benzo(a)anthracene	21.895	228	699304	44.536	ng		99
82) 3,3'-Dichlorobenzidine	21.796	252	218663	40.557	ng		99
83) Chrysene	21.966	228	649706	44.432	ng		98
84) Bis(2-ethylhexyl)phtha...	21.766	149	549171	49.230	ng		99
85) Di-n-octyl phthalate	23.041	149	911255	54.790	ng	#	95
87) Indeno(1,2,3-cd)pyrene	29.252	276	804361	47.072	ng	#	92
88) Benzo(b)fluoranthene	24.234	252	723072	49.561	ng	#	95
89) Benzo(k)fluoranthene	24.310	252	712468	48.218	ng	#	97
90) Benzo(a)pyrene	25.168	252	637718	50.926	ng	#	95
91) Dibenzo(a,h)anthracene	29.328	278	695711	49.696	ng	#	93
92) Benzo(g,h,i)perylene	30.491	276	688804	50.791	ng	#	89

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

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