Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042121\
Data File : BG048824.D
Acq On : 21 Apr 2021 17:59
Operator : CG/JU
Sample : PB135822BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Apr 22 01:00:44 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG041421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 20 17:33:30 2021
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
PB135822BS

Manual Integrations APPROVED
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4/22/2021 12:09:46 PM

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.062	152	20690	20.00	ng		0.00
21) Naphthalene-d8	10.888	136	84845	20.00	ng		# 0.00
39) Acenaphthene-d10	14.724	164	62538	20.00	ng		0.00
64) Phenanthrene-d10	17.480	188	150272	20.00	ng		# 0.00
76) Chrysene-d12	21.781	240	142218	20.00	ng		0.00
86) Perylene-d12	25.106	264	142195	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.612	112	175074	141.52	ng		0.00
7) Phenol-d6	7.227	99	224033	128.03	ng		0.00
23) Nitrobenzene-d5	9.237	82	159363	84.09	ng		0.00
42) 2,4,6-Tribromophenol	16.217	330	102133	121.80	ng		0.00
45) 2-Fluorobiphenyl	13.344	172	351987	81.28	ng		0.00
79) Terphenyl-d14	20.089	244	668975	80.96	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.461	88	15928	32.86	ng		92
3) Pyridine	3.867	79	46066	36.46	ng	#	87
4) n-Nitrosodimethylamine	3.778	42	42168	43.72	ng	#	88
6) Aniline	7.380	93	71655	36.49	ng		93
8) 2-Chlorophenol	7.627	128	65458	49.88	ng		92
9) Benzaldehyde	7.192	77	30854	26.61	ng		87
10) Phenol	7.257	94	83438	48.49	ng		95
11) bis(2-Chloroethyl)ether	7.474	93	53831	46.42	ng		99
12) 1,3-Dichlorobenzene	7.950	146	66826	44.29	ng		95
13) 1,4-Dichlorobenzene	8.097	146	69740	45.35	ng		95
14) 1,2-Dichlorobenzene	8.420	146	68147	48.03	ng		95
15) Benzyl Alcohol	8.303	79	69051	44.78	ng		92
16) 2,2'-oxybis(1-Chloropr...	8.590	45	58379	46.44	ng		98
17) 2-Methylphenol	8.514	107	52854	48.12	ng		95
18) Hexachloroethane	9.149	117	26570	43.99	ng		93
19) n-Nitroso-di-n-propyla...	8.872	70	52742	44.68	ng		90
20) 3+4-Methylphenols	8.843	107	74402	49.09	ng		97
22) Acetophenone	8.890	105	97525	44.16	ng	#	97
24) Nitrobenzene	9.278	77	84965	44.95	ng	#	93
25) Isophorone	9.801	82	144066	42.99	ng		96
26) 2-Nitrophenol	9.995	139	37098	45.34	ng		96
27) 2,4-Dimethylphenol	10.053	122	66615	52.96	ng		92
28) bis(2-Chloroethoxy)met...	10.283	93	74475	51.01	ng		96
29) 2,4-Dichlorophenol	10.541	162	67765	47.77	ng		96
30) 1,2,4-Trichlorobenzene	10.747	180	72741	44.22	ng		93
31) Naphthalene	10.941	128	194044	44.57	ng		98
32) Benzoic acid	10.224	122	20282	27.52	ng	#	86
33) 4-Chloroaniline	11.052	127	43356	23.93	ng	#	92
34) Hexachlorobutadiene	11.223	225	53139	43.52	ng		97
35) Caprolactam	11.828	113	23535m	48.83	ng		
36) 4-Chloro-3-methylphenol	12.180	107	74545	46.40	ng		94
37) 2-Methylnaphthalene	12.551	142	150609	43.29	ng		98
38) 1-Methylnaphthalene	12.768	142	144889	44.76	ng		94
40) 1,2,4,5-Tetrachloroben...	12.915	216	90539	44.48	ng		99
41) Hexachlorocyclopentadiene	12.891	237	92469	83.05	ng		93
43) 2,4,6-Trichlorophenol	13.156	196	56691	41.73	ng		96

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.232	196	63005	43.67	ng		92
46) 1,1'-Biphenyl	13.549	154	205849	44.56	ng		98
47) 2-Chloronaphthalene	13.596	162	151213	42.85	ng		97
48) 2-Nitroaniline	13.802	65	58783	46.36	ng		92
49) Acenaphthylene	14.448	152	258112	46.89	ng		96
50) Dimethylphthalate	14.172	163	208392	44.42	ng	#	98
51) 2,6-Dinitrotoluene	14.296	165	45730	42.25	ng		95
52) Acenaphthene	14.789	154	159349	45.58	ng		98
53) 3-Nitroaniline	14.630	138	31824	30.63	ng		100
54) 2,4-Dinitrophenol	14.842	184	48636	75.20	ng		94
55) Dibenzofuran	15.124	168	249160	43.05	ng		98
56) 4-Nitrophenol	14.954	139	70154	91.14	ng		96
57) 2,4-Dinitrotoluene	15.089	165	70010	44.55	ng		90
58) Fluorene	15.776	166	209510	44.08	ng		96
59) 2,3,4,6-Tetrachlorophenol	15.353	232	57630	43.17	ng		97
60) Diethylphthalate	15.535	149	223654	46.09	ng		98
61) 4-Chlorophenyl-phenyle...	15.759	204	119581	45.75	ng		98
62) 4-Nitroaniline	15.800	138	46832	42.16	ng		97
63) Azobenzene	16.058	77	210757	43.12	ng		96
65) 4,6-Dinitro-2-methylph...	15.853	198	40563	40.32	ng		95
66) n-Nitrosodiphenylamine	15.976	169	189728	44.67	ng		96
67) 4-Bromophenyl-phenylether	16.657	248	75485	43.64	ng		94
68) Hexachlorobenzene	16.781	284	79431	45.34	ng		97
69) Atrazine	16.928	200	84642	47.92	ng		96
70) Pentachlorophenol	17.133	266	75415	80.79	ng		98
71) Phenanthrene	17.521	178	353351	45.30	ng		96
72) Anthracene	17.615	178	353304	45.78	ng		97
73) Carbazole	17.885	167	328018	44.37	ng		98
74) Di-n-butylphthalate	18.432	149	396253	47.81	ng	#	97
75) Fluoranthene	19.536	202	445233	45.14	ng		98
77) Benzidine	19.713	184	200134	51.82	ng		98
78) Pyrene	19.901	202	441895	44.91	ng		97
80) Butylbenzylphthalate	20.776	149	172760	44.90	ng		97
81) Benzo(a)anthracene	21.757	228	441309	45.41	ng		97
82) 3,3'-Dichlorobenzidine	21.669	252	104728	31.42	ng		97
83) Chrysene	21.828	228	413584	44.68	ng		98
84) Bis(2-ethylhexyl)phtha...	21.646	149	254928	47.33	ng		99
85) Di-n-octyl phthalate	22.891	149	425921	46.45	ng		100
87) Indeno(1,2,3-cd)pyrene	28.931	276	492853	47.19	ng	#	76
88) Benzo(b)fluoranthene	24.049	252	457937m	47.47	ng		
89) Benzo(k)fluoranthene	24.113	252	414312	45.67	ng		99
90) Benzo(a)pyrene	24.954	252	393459	44.27	ng		95
91) Dibenzo(a,h)anthracene	28.996	278	405547	45.28	ng	#	97
92) Benzo(g,h,i)perylene	30.136	276	402194	45.48	ng		100

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

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