Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041921\
Data File : BG048762.D
Acq On : 19 Apr 2021 11:56
Operator : CG/JU
Sample : PB135806BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Apr 19 12:48:08 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG041421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 16 15:59:00 2021
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
PB135806BS

Manual Integrations APPROVED
mohammad
4/21/2021 8:36:10 AM

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.074	152	22994	20.00	ng		0.00
21) Naphthalene-d8	10.906	136	97288	20.00	ng		0.00
39) Acenaphthene-d10	14.737	164	69624	20.00	ng		0.00
64) Phenanthrene-d10	17.492	188	174788	20.00	ng		# 0.00
76) Chrysene-d12	21.793	240	172482	20.00	ng		0.00
86) Perylene-d12	25.130	264	155165	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.630	112	166956	121.44	ng		0.00
7) Phenol-d6	7.245	99	221196	113.75	ng		0.00
23) Nitrobenzene-d5	9.249	82	140212	64.52	ng		0.00
42) 2,4,6-Tribromophenol	16.235	330	91224	97.72	ng		0.00
45) 2-Fluorobiphenyl	13.356	172	299681	62.16	ng		0.00
79) Terphenyl-d14	20.101	244	592159	59.09	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.473	88	19932	37.00	ng		93
3) Pyridine	3.879	79	53264	37.93	ng		95
4) n-Nitrosodimethylamine	3.796	42	46720	43.58	ng	#	95
6) Aniline	7.398	93	68197	31.25	ng		98
8) 2-Chlorophenol	7.645	128	67572	46.33	ng		96
9) Benzaldehyde	7.204	77	17812	13.82	ng		93
10) Phenol	7.269	94	89402	46.75	ng		94
11) bis(2-Chloroethyl)ether	7.492	93	57163	44.36	ng		97
12) 1,3-Dichlorobenzene	7.968	146	73070	43.57	ng		95
13) 1,4-Dichlorobenzene	8.115	146	73264	42.87	ng		91
14) 1,2-Dichlorobenzene	8.432	146	69301	43.95	ng		91
15) Benzyl Alcohol	8.321	79	75744	44.20	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.603	45	64887	46.45	ng		92
17) 2-Methylphenol	8.526	107	58088	47.58	ng		90
18) Hexachloroethane	9.172	117	28714	42.78	ng		89
19) n-Nitroso-di-n-propyla...	8.885	70	55561	42.35	ng		95
20) 3+4-Methylphenols	8.861	107	76280	45.29	ng		90
22) Acetophenone	8.908	105	105336	41.60	ng	#	96
24) Nitrobenzene	9.296	77	90866	41.92	ng		97
25) Isophorone	9.819	82	153643	39.98	ng		98
26) 2-Nitrophenol	10.007	139	37945	40.45	ng		91
27) 2,4-Dimethylphenol	10.071	122	69375	48.10	ng		96
28) bis(2-Chloroethoxy)met...	10.301	93	77977	46.58	ng		94
29) 2,4-Dichlorophenol	10.559	162	67324	41.39	ng		96
30) 1,2,4-Trichlorobenzene	10.765	180	79041	41.91	ng		94
31) Naphthalene	10.959	128	204950	41.06	ng	#	95
32) Benzoic acid	10.248	122	22601	26.75	ng		94
33) 4-Chloroaniline	11.064	127	36902	17.77	ng		93
34) Hexachlorobutadiene	11.235	225	57863	41.33	ng		92
35) Caprolactam	11.846	113	22519m	40.74	ng		
36) 4-Chloro-3-methylphenol	12.198	107	78130	42.41	ng	#	90
37) 2-Methylnaphthalene	12.563	142	158701	39.78	ng		99
38) 1-Methylnaphthalene	12.780	142	146847	39.56	ng		100
40) 1,2,4,5-Tetrachloroben...	12.927	216	92394	40.77	ng		99
41) Hexachlorocyclopentadiene	12.903	237	80758	66.41	ng		91
43) 2,4,6-Trichlorophenol	13.174	196	59716	39.48	ng		94

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.250	196	61252	38.14	ng		96
46) 1,1'-Biphenyl	13.567	154	207384	40.32	ng		97
47) 2-Chloronaphthalene	13.614	162	156199	39.76	ng		97
48) 2-Nitroaniline	13.820	65	59416	42.09	ng		97
49) Acenaphthylene	14.460	152	260567	42.51	ng		96
50) Dimethylphthalate	14.184	163	209272	40.07	ng	#	98
51) 2,6-Dinitrotoluene	14.308	165	47289	39.25	ng		97
52) Acenaphthene	14.801	154	159055	40.87	ng		99
53) 3-Nitroaniline	14.643	138	30224	26.13	ng		99
54) 2,4-Dinitrophenol	14.854	184	47087	66.09	ng		92
55) Dibenzofuran	15.136	168	249667	38.75	ng		97
56) 4-Nitrophenol	14.966	139	72058	84.09	ng		99
57) 2,4-Dinitrotoluene	15.101	165	69348	39.63	ng		100
58) Fluorene	15.788	166	209988	39.69	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.365	232	56375	37.94	ng		98
60) Diethylphthalate	15.547	149	221497	41.00	ng		98
61) 4-Chlorophenyl-phenyle...	15.777	204	115756	39.78	ng		96
62) 4-Nitroaniline	15.818	138	47583	38.48	ng		98
63) Azobenzene	16.070	77	219335	40.31	ng		93
65) 4,6-Dinitro-2-methylph...	15.865	198	40525	34.63	ng		93
66) n-Nitrosodiphenylamine	15.994	169	192843	39.04	ng		95
67) 4-Bromophenyl-phenylether	16.675	248	76470	38.01	ng		95
68) Hexachlorobenzene	16.793	284	77876	38.22	ng		93
69) Atrazine	16.940	200	80078	38.98	ng		99
70) Pentachlorophenol	17.145	266	69529	64.03	ng		91
71) Phenanthrene	17.539	178	355318	39.17	ng		96
72) Anthracene	17.627	178	364036	40.55	ng		98
73) Carbazole	17.898	167	331469	38.55	ng		100
74) Di-n-butylphthalate	18.444	149	405052	42.02	ng		98
75) Fluoranthene	19.549	202	462028	40.27	ng		98
77) Benzidine	19.725	184	99701	21.29	ng		99
78) Pyrene	19.913	202	457970	38.38	ng		99
80) Butylbenzylphthalate	20.788	149	189838	40.68	ng		98
81) Benzo(a)anthracene	21.775	228	457301	38.80	ng		98
82) 3,3'-Dichlorobenzidine	21.681	252	121641	30.09	ng		93
83) Chrysene	21.840	228	431959	38.47	ng		97
84) Bis(2-ethylhexyl)phtha...	21.664	149	272661	41.74	ng		99
85) Di-n-octyl phthalate	22.909	149	454899	40.90	ng		100
87) Indeno(1,2,3-cd)pyrene	28.973	276	529543	46.47	ng	#	95
88) Benzo(b)fluoranthene	24.073	252	482855	45.87	ng		98
89) Benzo(k)fluoranthene	24.143	252	435676	44.01	ng		98
90) Benzo(a)pyrene	24.977	252	417287	43.03	ng		98
91) Dibenzo(a,h)anthracene	29.049	278	437485	44.76	ng		97
92) Benzo(g,h,i)perylene	30.183	276	434502	45.03	ng		98

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

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