Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040921\
Data File : BG048648.D
Acq On : 9 Apr 2021 17:01
Operator : CG/JU
Sample : PB135656BSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB135656BSD

Manual Integrations APPROVED
mohammad
4/12/2021 2:42:21 PM

Quant Time: Apr 09 17:41:56 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG033021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 07 10:06:00 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.091	152	22342	20.00	ng		# 0.00
21) Naphthalene-d8	10.917	136	91558	20.00	ng		# 0.00
39) Acenaphthene-d10	14.742	164	63643	20.00	ng		0.00
64) Phenanthrene-d10	17.497	188	160430	20.00	ng		# 0.00
76) Chrysene-d12	21.792	240	166458	20.00	ng		# 0.00
86) Perylene-d12	25.130	264	165816	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.635	112	131250	103.72	ng		0.00
7) Phenol-d6	7.245	99	167325	91.17	ng		0.00
23) Nitrobenzene-d5	9.260	82	166780	88.19	ng		0.00
42) 2,4,6-Tribromophenol	16.234	330	83930	100.32	ng		0.00
45) 2-Fluorobiphenyl	13.361	172	392929	91.77	ng		0.00
79) Terphenyl-d14	20.106	244	843459	92.67	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.496	88	18594	36.52	ng		95
3) Pyridine	3.901	79	51589	40.42	ng		98
4) n-Nitrosodimethylamine	3.813	42	37477	44.94	ng		97
6) Aniline	7.403	93	38296	18.17	ng		92
8) 2-Chlorophenol	7.650	128	70605	49.37	ng		95
9) Benzaldehyde	7.215	77	47957	40.88	ng		98
10) Phenol	7.268	94	84670	46.08	ng		95
11) bis(2-Chloroethyl)ether	7.497	93	56627	44.41	ng		98
12) 1,3-Dichlorobenzene	7.979	146	74452	46.21	ng		97
13) 1,4-Dichlorobenzene	8.126	146	74913	46.12	ng		97
14) 1,2-Dichlorobenzene	8.449	146	74435	47.85	ng		91
15) Benzyl Alcohol	8.326	79	66205	44.04	ng		96
16) 2,2'-oxybis(1-Chloropr...	8.614	45	52873	42.99	ng		94
17) 2-Methylphenol	8.531	107	55484	46.67	ng	#	90
18) Hexachloroethane	9.184	117	26995	44.72	ng	#	80
19) n-Nitroso-di-n-propyla...	8.896	70	49297	38.97	ng		95
20) 3+4-Methylphenols	8.860	107	74709	45.27	ng		93
22) Acetophenone	8.919	105	100532	42.59	ng		97
24) Nitrobenzene	9.307	77	78556	42.33	ng		95
25) Isophorone	9.830	82	135152	38.70	ng		96
26) 2-Nitrophenol	10.018	139	38687	45.37	ng		99
27) 2,4-Dimethylphenol	10.077	122	65135	48.54	ng		93
28) bis(2-Chloroethoxy)met...	10.306	93	74171	46.33	ng		94
29) 2,4-Dichlorophenol	10.564	162	70424	46.35	ng		95
30) 1,2,4-Trichlorobenzene	10.776	180	78622	45.03	ng		98
31) Naphthalene	10.970	128	204002	43.33	ng		99
32) Benzoic acid	10.212	122	35525	34.42	ng		91
33) 4-Chloroaniline	11.075	127	17937	9.03	ng		96
34) Hexachlorobutadiene	11.252	225	55394	43.45	ng		95
35) Caprolactam	11.851	113	24652m	44.47	ng		
36) 4-Chloro-3-methylphenol	12.198	107	74980	43.95	ng		95
37) 2-Methylnaphthalene	12.574	142	159047	42.44	ng		95
38) 1-Methylnaphthalene	12.791	142	145583	40.73	ng		100
40) 1,2,4,5-Tetrachloroben...	12.938	216	93819	47.55	ng		97
41) Hexachlorocyclopentadiene	12.914	237	131399	114.97	ng		91
43) 2,4,6-Trichlorophenol	13.173	196	63058	46.50	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.249	196	65667	45.26	ng		94
46) 1,1'-Biphenyl	13.572	154	209764	45.11	ng		97
47) 2-Chloronaphthalene	13.619	162	158913	44.85	ng		98
48) 2-Nitroaniline	13.819	65	52371	46.50	ng		90
49) Acenaphthylene	14.466	152	262749	47.31	ng		99
50) Dimethylphthalate	14.189	163	219833	46.54	ng		99
51) 2,6-Dinitrotoluene	14.313	165	49202	45.53	ng		95
52) Acenaphthene	14.806	154	164441	40.93	ng		99
53) 3-Nitroaniline	14.642	138	13557	12.79	ng		90
54) 2,4-Dinitrophenol	14.847	184	63816	105.02	ng		99
55) Dibenzofuran	15.141	168	253485	43.20	ng		95
56) 4-Nitrophenol	14.953	139	81365	95.12	ng		87
57) 2,4-Dinitrotoluene	15.100	165	71673	46.89	ng	#	96
58) Fluorene	15.793	166	215637	43.91	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.364	232	67288m	47.54	ng		
60) Diethylphthalate	15.553	149	230820	47.56	ng		97
61) 4-Chlorophenyl-phenyle...	15.776	204	119303	45.15	ng		97
62) 4-Nitroaniline	15.811	138	50514	45.57	ng		96
63) Azobenzene	16.075	77	188914	39.56	ng		94
65) 4,6-Dinitro-2-methylph...	15.864	198	45656	47.36	ng		93
66) n-Nitrosodiphenylamine	15.993	169	196264	43.00	ng		97
67) 4-Bromophenyl-phenylether	16.675	248	80618	45.33	ng		93
68) Hexachlorobenzene	16.798	284	83536	44.99	ng		93
69) Atrazine	16.939	200	88744	47.67	ng		96
70) Pentachlorophenol	17.139	266	107809	93.41	ng		96
71) Phenanthrene	17.538	178	371376	44.59	ng		99
72) Anthracene	17.632	178	379430	45.72	ng		100
73) Carbazole	17.897	167	347021	44.09	ng		96
74) Di-n-butylphthalate	18.449	149	420595	47.83	ng		98
75) Fluoranthene	19.548	202	480829	46.57	ng		97
77) Benzidine	19.724	184	120983	21.46	ng		99
78) Pyrene	19.912	202	480458	41.98	ng		97
80) Butylbenzylphthalate	20.788	149	190796	44.88	ng		97
81) Benzo(a)anthracene	21.769	228	478778	43.05	ng		99
82) 3,3'-Dichlorobenzidine	21.681	252	71373	18.68	ng		92
83) Chrysene	21.839	228	453350	42.72	ng		97
84) Bis(2-ethylhexyl)phtha...	21.663	149	276538	46.70	ng		99
85) Di-n-octyl phthalate	22.914	149	459137	44.48	ng		99
87) Indeno(1,2,3-cd)pyrene	28.966	276	513027	44.13	ng	#	83
88) Benzo(b)fluoranthene	24.066	252	487207	45.24	ng	#	98
89) Benzo(k)fluoranthene	24.137	252	454223	43.87	ng		98
90) Benzo(a)pyrene	24.971	252	425215	42.84	ng		98
91) Dibenzo(a,h)anthracene	29.037	278	421012	42.43	ng		97
92) Benzo(g,h,i)perylene	30.165	276	357610	36.80	ng		99

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

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