Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040821\
Data File : BG048635.D
Acq On : 8 Apr 2021 11:53
Operator : CG/JU
Sample : PB135613BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB135613BS

Manual Integrations APPROVED
mohammad
4/9/2021 11:18:34 AM

Quant Time: Apr 08 13:10:23 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	8.090	152	23131	20.00	ng		# 0.00
21) Naphthalene-d8	10.916	136	93392	20.00	ng		-0.01
39) Acenaphthene-d10	14.747	164	64283	20.00	ng		# 0.00
64) Phenanthrene-d10	17.497	188	158704	20.00	ng		0.00
76) Chrysene-d12	21.792	240	178093	20.00	ng		#-0.01
86) Perylene-d12	25.135	264	178672	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.634	112	196972	150.34	ng		0.00
7) Phenol-d6	7.244	99	244147	128.49	ng		0.00
23) Nitrobenzene-d5	9.259	82	167560	86.86	ng		0.00
42) 2,4,6-Tribromophenol	16.233	330	121537	143.83	ng		0.00
45) 2-Fluorobiphenyl	13.360	172	397035	91.80	ng		-0.01
79) Terphenyl-d14	20.105	244	794244	81.56	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.495	88	18565	35.22	ng		93
3) Pyridine	3.895	79	54122	40.95	ng		97
4) n-Nitrosodimethylamine	3.807	42	42743	49.50	ng		92
6) Aniline	7.403	93	67928	31.13	ng	#	90
8) 2-Chlorophenol	7.649	128	74196	50.11	ng		96
9) Benzaldehyde	7.221	77	53160	43.77	ng		98
10) Phenol	7.268	94	89823	47.22	ng		94
11) bis(2-Chloroethyl)ether	7.497	93	58197	44.09	ng		93
12) 1,3-Dichlorobenzene	7.978	146	82704	49.58	ng		97
13) 1,4-Dichlorobenzene	8.125	146	85817	51.03	ng		98
14) 1,2-Dichlorobenzene	8.443	146	78432	48.70	ng		94
15) Benzyl Alcohol	8.325	79	73070	46.94	ng		90
16) 2,2'-oxybis(1-Chloropr...	8.613	45	60059	47.17	ng		99
17) 2-Methylphenol	8.531	107	59867	48.64	ng		99
18) Hexachloroethane	9.183	117	29937	47.91	ng	#	84
19) n-Nitroso-di-n-propyla...	8.895	70	53470	40.83	ng	#	97
20) 3+4-Methylphenols	8.860	107	81974	47.98	ng		95
22) Acetophenone	8.913	105	108517	45.07	ng	#	92
24) Nitrobenzene	9.300	77	88256	46.62	ng		94
25) Isophorone	9.823	82	146521	41.13	ng	#	93
26) 2-Nitrophenol	10.017	139	42772	49.18	ng		97
27) 2,4-Dimethylphenol	10.070	122	72899	53.26	ng		97
28) bis(2-Chloroethoxy)met...	10.311	93	79858	48.91	ng	#	96
29) 2,4-Dichlorophenol	10.558	162	75627	48.80	ng		98
30) 1,2,4-Trichlorobenzene	10.775	180	84581	47.50	ng		98
31) Naphthalene	10.969	128	215777	44.94	ng		99
32) Benzoic acid	10.217	122	44164	41.95	ng		92
33) 4-Chloroaniline	11.069	127	39283	19.39	ng		96
34) Hexachlorobutadiene	11.245	225	62243	47.86	ng		91
35) Caprolactam	11.845	113	24425m	43.20	ng		
36) 4-Chloro-3-methylphenol	12.191	107	78772	45.26	ng		97
37) 2-Methylnaphthalene	12.573	142	173072	45.27	ng		96
38) 1-Methylnaphthalene	12.790	142	159657	43.79	ng		100
40) 1,2,4,5-Tetrachloroben...	12.937	216	98145	49.25	ng		97
41) Hexachlorocyclopentadiene	12.914	237	137860	119.42	ng		94
43) 2,4,6-Trichlorophenol	13.178	196	66954	48.88	ng		94

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.249	196	72225	49.29	ng		94
46) 1,1'-Biphenyl	13.572	154	226254	48.17	ng		98
47) 2-Chloronaphthalene	13.619	162	171590	47.95	ng		94
48) 2-Nitroaniline	13.819	65	54992	48.34	ng		92
49) Acenaphthylene	14.465	152	286235	51.02	ng		98
50) Dimethylphthalate	14.189	163	227380	47.66	ng	#	99
51) 2,6-Dinitrotoluene	14.312	165	51128	46.84	ng		99
52) Acenaphthene	14.806	154	179343	44.20	ng		100
53) 3-Nitroaniline	14.641	138	30791	28.77	ng		92
54) 2,4-Dinitrophenol	14.847	184	60452	98.49	ng		93
55) Dibenzofuran	15.141	168	271473	45.81	ng		95
56) 4-Nitrophenol	14.959	139	85868	99.38	ng		87
57) 2,4-Dinitrotoluene	15.100	165	74728	48.40	ng		97
58) Fluorene	15.793	166	228094	45.98	ng		96
59) 2,3,4,6-Tetrachlorophenol	15.364	232	69392	48.54	ng		98
60) Diethylphthalate	15.552	149	237751	48.50	ng		95
61) 4-Chlorophenyl-phenyle...	15.781	204	123204	46.16	ng	#	93
62) 4-Nitroaniline	15.810	138	53352	47.65	ng		93
63) Azobenzene	16.075	77	204686	42.44	ng		97
65) 4,6-Dinitro-2-methylph...	15.863	198	45602	47.82	ng		95
66) n-Nitrosodiphenylamine	15.993	169	204216	45.23	ng		97
67) 4-Bromophenyl-phenylether	16.674	248	86706	49.28	ng		84
68) Hexachlorobenzene	16.798	284	88509	48.18	ng		93
69) Atrazine	16.944	200	89786	48.76	ng		98
70) Pentachlorophenol	17.144	266	114313	100.12	ng		95
71) Phenanthrene	17.538	178	380516	46.19	ng		97
72) Anthracene	17.632	178	389549	47.45	ng		98
73) Carbazole	17.902	167	359463	46.17	ng		98
74) Di-n-butylphthalate	18.449	149	430361	49.48	ng		99
75) Fluoranthene	19.547	202	510773	50.01	ng		97
77) Benzidine	19.729	184	202875	33.64	ng		97
78) Pyrene	19.912	202	517661	42.28	ng		99
80) Butylbenzylphthalate	20.793	149	206610	45.43	ng		98
81) Benzo(a)anthracene	21.774	228	538797	45.28	ng		99
82) 3,3'-Dichlorobenzidine	21.680	252	122344	29.93	ng		92
83) Chrysene	21.845	228	501333	44.15	ng		96
84) Bis(2-ethylhexyl)phtha...	21.662	149	303411	47.89	ng		99
85) Di-n-octyl phthalate	22.920	149	513667	46.51	ng		99
87) Indeno(1,2,3-cd)pyrene	28.971	276	579782	46.29	ng	#	83
88) Benzo(b)fluoranthene	24.071	252	553163	47.67	ng	#	96
89) Benzo(k)fluoranthene	24.136	252	502785	45.07	ng		99
90) Benzo(a)pyrene	24.976	252	487163	45.55	ng		100
91) Dibenzo(a,h)anthracene	29.036	278	497255	46.51	ng		98
92) Benzo(g,h,i)perylene	30.182	276	401185m	38.32	ng		

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

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