Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG030421\
Data File : BG048326.D
Acq On : 4 Mar 2021 13:17
Operator : CG/JU
Sample : PB134924BSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Mar 04 13:53:36 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG021021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 03 16:40:27 2021
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
PB134924BSD

Manual Integrations APPROVED
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3/5/2021 2:44:12 PM

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.103	152	28171	20.00	ng	#	0.00
21) Naphthalene-d8	10.923	136	111336	20.00	ng		0.00
39) Acenaphthene-d10	14.736	164	82315	20.00	ng		0.00
64) Phenanthrene-d10	17.486	188	222882	20.00	ng	#	0.00
76) Chrysene-d12	21.769	240	261822	20.00	ng	#	0.00
86) Perylene-d12	25.054	264	261856	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.688	112	228414	138.02	ng		0.00
7) Phenol-d6	7.310	99	323391	128.62	ng		0.00
23) Nitrobenzene-d5	9.278	82	194269	73.81	ng		0.00
42) 2,4,6-Tribromophenol	16.235	330	162282	123.26	ng		0.00
45) 2-Fluorobiphenyl	13.356	172	406617	69.25	ng		0.00
79) Terphenyl-d14	20.083	244	881731	61.54	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.526	88	36078	47.57	ng	#	92
3) Pyridine	3.931	79	99381	47.40	ng		92
4) n-Nitrosodimethylamine	3.855	42	65459	58.81	ng	#	64
6) Aniline	7.439	93	112390	37.41	ng		91
8) 2-Chlorophenol	7.686	128	92328	50.79	ng		86
9) Benzaldehyde	7.239	77	38338	21.52	ng	#	75
10) Phenol	7.339	94	133049	52.33	ng	#	69
11) bis(2-Chloroethyl)ether	7.521	93	91927	46.41	ng		92
12) 1,3-Dichlorobenzene	7.991	146	102956	49.03	ng	#	85
13) 1,4-Dichlorobenzene	8.138	146	103724	48.98	ng		95
14) 1,2-Dichlorobenzene	8.461	146	100276m	49.79	ng		
15) Benzyl Alcohol	8.356	79	111097	50.13	ng	#	82
16) 2,2'-oxybis(1-Chloropr...	8.632	45	127319	49.57	ng		92
17) 2-Methylphenol	8.585	107	86045	51.90	ng	#	81
18) Hexachloroethane	9.184	117	41269	51.12	ng		90
19) n-Nitroso-di-n-propyla...	8.914	70	89319	46.02	ng	#	96
20) 3+4-Methylphenols	8.914	107	115560	50.02	ng	#	72
22) Acetophenone	8.931	105	157018	49.13	ng	#	84
24) Nitrobenzene	9.325	77	138470	49.31	ng	#	82
25) Isophorone	9.842	82	225933	43.29	ng	#	92
26) 2-Nitrophenol	10.036	139	54501	46.92	ng	#	52
27) 2,4-Dimethylphenol	10.112	122	85366	51.05	ng	#	77
28) bis(2-Chloroethoxy)met...	10.318	93	125289	49.10	ng		98
29) 2,4-Dichlorophenol	10.594	162	103802	48.54	ng		95
30) 1,2,4-Trichlorobenzene	10.782	180	116394	47.88	ng		98
31) Naphthalene	10.970	128	283386	46.11	ng		98
32) Benzoic acid	10.277	122	31491	27.31	ng	#	67
33) 4-Chloroaniline	11.099	127	69993	26.25	ng	#	87
34) Hexachlorobutadiene	11.240	225	88015	48.40	ng		99
35) Caprolactam	11.875	113	34572m	48.80	ng		
36) 4-Chloro-3-methylphenol	12.245	107	112467	47.57	ng		86
37) 2-Methylnaphthalene	12.568	142	211635	44.29	ng	#	92
38) 1-Methylnaphthalene	12.786	142	200989	44.46	ng	#	99
40) 1,2,4,5-Tetrachloroben...	12.933	216	147746	50.26	ng	#	96
41) Hexachlorocyclopentadiene	12.903	237	214591	119.69	ng		98
43) 2,4,6-Trichlorophenol	13.191	196	98198	46.48	ng		94

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.279	196	103236	45.30	ng	#	92
46) 1,1'-Biphenyl	13.567	154	287965	48.83	ng		99
47) 2-Chloronaphthalene	13.620	162	239992	47.82	ng		97
48) 2-Nitroaniline	13.837	65	98404	54.63	ng	#	68
49) Acenaphthylene	14.460	152	364080	46.90	ng		98
50) Dimethylphthalate	14.190	163	327876	47.64	ng		97
51) 2,6-Dinitrotoluene	14.325	165	74608	48.24	ng	#	54
52) Acenaphthene	14.801	154	219452	41.76	ng		100
53) 3-Nitroaniline	14.666	138	46900	30.87	ng		81
54) 2,4-Dinitrophenol	14.877	184	92652	92.02	ng	#	53
55) Dibenzofuran	15.136	168	376890	45.86	ng		94
56) 4-Nitrophenol	15.030	139	105962	85.09	ng	#	37
57) 2,4-Dinitrotoluene	15.118	165	105696	47.30	ng	#	55
58) Fluorene	15.782	166	307281	47.13	ng		95
59) 2,3,4,6-Tetrachlorophenol	15.377	232	103209	45.22	ng		95
60) Diethylphthalate	15.541	149	344489	48.95	ng		95
61) 4-Chlorophenyl-phenyle...	15.770	204	185945	47.37	ng		97
62) 4-Nitroaniline	15.835	138	67970	43.02	ng	#	41
63) Azobenzene	16.064	77	342055	48.71	ng		87
65) 4,6-Dinitro-2-methylph...	15.888	198	72720	44.96	ng		82
66) n-Nitrosodiphenylamine	15.994	169	286037	44.37	ng		99
67) 4-Bromophenyl-phenylether	16.664	248	127222	44.52	ng		95
68) Hexachlorobenzene	16.787	284	138585	47.01	ng	#	94
69) Atrazine	16.940	200	114610	42.76	ng		96
70) Pentachlorophenol	17.151	266	131784	67.98	ng		97
71) Phenanthrene	17.527	178	561996	46.43	ng		97
72) Anthracene	17.621	178	578354	48.12	ng		95
73) Carbazole	17.903	167	532159	46.82	ng		97
74) Di-n-butylphthalate	18.432	149	644996	51.21	ng	#	96
75) Fluoranthene	19.531	202	813278	51.62	ng		96
77) Benzidine	19.719	184	294671	34.44	ng		98
78) Pyrene	19.895	202	810633	44.33	ng		97
80) Butylbenzylphthalate	20.765	149	299542	46.78	ng	#	84
81) Benzo(a)anthracene	21.746	228	826542	45.25	ng		99
82) 3,3'-Dichlorobenzidine	21.664	252	212093	32.42	ng		97
83) Chrysene	21.816	228	784434	44.96	ng		98
84) Bis(2-ethylhexyl)phtha...	21.622	149	431484	47.96	ng		95
85) Di-n-octyl phthalate	22.856	149	725666	47.38	ng	#	94
87) Indeno(1,2,3-cd)pyrene	28.832	276	935821	47.16	ng	#	85
88) Benzo(b)fluoranthene	24.014	252	837940	46.28	ng	#	95
89) Benzo(k)fluoranthene	24.084	252	798025	46.21	ng	#	97
90) Benzo(a)pyrene	24.913	252	751784	44.77	ng	#	97
91) Dibenzo(a,h)anthracene	28.896	278	777317	45.92	ng	#	94
92) Benzo(g,h,i)perylene	30.013	276	765768	46.56	ng	#	94

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

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