Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG101821\
Data File : BG050614.D
Acq On : 18 Oct 2021 12:15
Operator : CG/JU
Sample : PB139926BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Oct 18 13:15:07 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100621.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 14 10:56:22 2021
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
PB139926BS

Manual Integrations APPROVED
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10/19/2021 12:08:59 PM

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.255	152	38473	20.00	ng		0.00
21) Naphthalene-d8	11.081	136	175668	20.00	ng		# 0.00
39) Acenaphthene-d10	14.877	164	123269	20.00	ng		0.00
64) Phenanthrene-d10	17.620	188	275088	20.00	ng		# 0.00
76) Chrysene-d12	21.921	240	231423	20.00	ng		# 0.00
86) Perylene-d12	25.335	264	236810	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.793	112	324538	126.16	ng		0.00
7) Phenol-d6	7.397	99	453995	121.89	ng		0.00
23) Nitrobenzene-d5	9.430	82	322394	75.97	ng		0.00
42) 2,4,6-Tribromophenol	16.363	330	142654	121.33	ng		0.00
45) 2-Fluorobiphenyl	13.502	172	613592	74.92	ng		0.00
79) Terphenyl-d14	20.206	244	998656	84.10	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.654	88	36392	27.31	ng	#	87
3) Pyridine	4.060	79	93783	25.77	ng	#	91
4) n-Nitrosodimethylamine	3.972	42	70332	41.00	ng	#	54
6) Aniline	7.573	93	198686	45.91	ng		94
8) 2-Chlorophenol	7.814	128	116593	47.07	ng		84
9) Benzaldehyde	7.385	77	94440	40.25	ng		91
10) Phenol	7.427	94	170897	47.19	ng		85
11) bis(2-Chloroethyl)ether	7.662	93	121243	42.90	ng		85
12) 1,3-Dichlorobenzene	8.143	146	119478	41.79	ng		96
13) 1,4-Dichlorobenzene	8.290	146	119426	41.43	ng		95
14) 1,2-Dichlorobenzene	8.613	146	118421	43.01	ng		96
15) Benzyl Alcohol	8.490	79	137546	46.73	ng		93
16) 2,2'-oxybis(1-Chloropr...	8.778	45	203257	44.09	ng		84
17) 2-Methylphenol	8.690	107	115520	48.48	ng		91
18) Hexachloroethane	9.348	117	47534	43.57	ng		91
19) n-Nitroso-di-n-propyla...	9.060	70	118748	43.74	ng	#	90
20) 3+4-Methylphenols	9.019	107	158609	47.29	ng		97
22) Acetophenone	9.083	105	197558	39.56	ng		96
24) Nitrobenzene	9.471	77	174544	41.37	ng		97
25) Isophorone	9.994	82	315308	41.89	ng	#	96
26) 2-Nitrophenol	10.182	139	67186	43.36	ng	#	92
27) 2,4-Dimethylphenol	10.229	122	127709	47.71	ng		97
28) bis(2-Chloroethoxy)met...	10.470	93	174671	40.59	ng		94
29) 2,4-Dichlorophenol	10.723	162	119569	43.83	ng		92
30) 1,2,4-Trichlorobenzene	10.940	180	123442	39.83	ng		96
31) Naphthalene	11.134	128	387751	41.24	ng		98
32) Benzoic acid	10.364	122	65554	33.00	ng	#	74
33) 4-Chloroaniline	11.234	127	161677	40.98	ng		96
34) Hexachlorobutadiene	11.404	225	74779	38.43	ng		93
35) Caprolactam	12.009	113	48332m	46.29	ng		
36) 4-Chloro-3-methylphenol	12.333	107	153696	45.07	ng	#	90
37) 2-Methylnaphthalene	12.720	142	280911	43.30	ng		94
38) 1-Methylnaphthalene	12.938	142	261830	41.62	ng		92
40) 1,2,4,5-Tetrachloroben...	13.079	216	140125	38.49	ng		97
41) Hexachlorocyclopentadiene	13.055	237	177489	84.37	ng		92
43) 2,4,6-Trichlorophenol	13.314	196	104179	40.61	ng		93

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.384	196	112913	42.10	ng		91
46) 1,1'-Biphenyl	13.713	154	353363	39.30	ng		96
47) 2-Chloronaphthalene	13.760	162	280680	40.65	ng		99
48) 2-Nitroaniline	13.960	65	123327	44.90	ng		96
49) Acenaphthylene	14.600	152	478265	42.28	ng		96
50) Dimethylphthalate	14.318	163	392762	42.15	ng		99
51) 2,6-Dinitrotoluene	14.442	165	83951	44.98	ng		97
52) Acenaphthene	14.941	154	327800m	45.09	ng		
53) 3-Nitroaniline	14.777	138	90401	40.95	ng		88
54) 2,4-Dinitrophenol	14.982	184	84967	73.39	ng		92
55) Dibenzofuran	15.270	168	453683	40.35	ng		98
56) 4-Nitrophenol	15.076	139	151975	85.58	ng	#	81
57) 2,4-Dinitrotoluene	15.229	165	122325	46.50	ng		93
58) Fluorene	15.922	166	368290	42.65	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.494	232	95048	40.69	ng		93
60) Diethylphthalate	15.670	149	419304	42.83	ng		98
61) 4-Chlorophenyl-phenyle...	15.905	204	197353	41.77	ng		98
62) 4-Nitroaniline	15.940	138	96235	41.90	ng	#	68
63) Azobenzene	16.199	77	473406	41.77	ng		83
65) 4,6-Dinitro-2-methylph...	15.987	198	62343	37.73	ng		87
66) n-Nitrosodiphenylamine	16.116	169	330621	42.30	ng		98
67) 4-Bromophenyl-phenylether	16.798	248	119683	43.18	ng		98
68) Hexachlorobenzene	16.921	284	121011	43.92	ng		94
69) Atrazine	17.056	200	135757	44.09	ng		98
70) Pentachlorophenol	17.262	266	141968	75.70	ng		97
71) Phenanthrene	17.662	178	619554	42.74	ng		98
72) Anthracene	17.756	178	628591	43.64	ng		97
73) Carbazole	18.020	167	572758	39.89	ng		98
74) Di-n-butylphthalate	18.555	149	714926	42.43	ng		98
75) Fluoranthene	19.659	202	726434	40.77	ng		95
77) Benzidine	19.836	184	577520	77.00	ng		97
78) Pyrene	20.024	202	726783	44.26	ng		97
80) Butylbenzylphthalate	20.887	149	309903	44.62	ng		95
81) Benzo(a)anthracene	21.898	228	658048	42.97	ng		99
82) 3,3'-Dichlorobenzidine	21.804	252	229256	45.17	ng	#	98
83) Chrysene	21.968	228	636647	44.20	ng		96
84) Bis(2-ethylhexyl)phtha...	21.774	149	452908	45.90	ng	#	96
85) Di-n-octyl phthalate	23.049	149	774905	47.08	ng		97
87) Indeno(1,2,3-cd)pyrene	29.260	276	742620	45.02	ng	#	94
88) Benzo(b)fluoranthene	24.242	252	691105	47.65	ng	#	92
89) Benzo(k)fluoranthene	24.319	252	640891	44.92	ng	#	96
90) Benzo(a)pyrene	25.176	252	660227	53.54	ng	#	94
91) Dibenzo(a,h)anthracene	29.330	278	628339	46.06	ng	#	92
92) Benzo(g,h,i)perylene	30.499	276	613790	45.94	ng	#	90

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

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