Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102121\
Data File : BG050660.D
Acq On : 21 Oct 2021 9:39
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Oct 21 11:11:18 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 :
SSTDCCC040

Manual Integrations APPROVED

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10/22/2021 2:53:55 PM

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.253	152	44713	20.00	ng		0.00
21) Naphthalene-d8	11.079	136	194570	20.00	ng	#	0.00
39) Acenaphthene-d10	14.874	164	128935	20.00	ng		0.00
64) Phenanthrene-d10	17.618	188	277078	20.00	ng	#	0.00
76) Chrysene-d12	21.925	240	210811	20.00	ng	#	0.00
86) Perylene-d12	25.344	264	211669	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.791	112	222388	74.38	ng		0.00
7) Phenol-d6	7.401	99	336833	77.81	ng		0.00
23) Nitrobenzene-d5	9.428	82	338732	72.07	ng		0.00
42) 2,4,6-Tribromophenol	16.361	330	97185	79.02	ng		0.00
45) 2-Fluorobiphenyl	13.499	172	632840	73.87	ng		0.00
79) Terphenyl-d14	20.209	244	890134	82.29	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.652	88	49155	31.74	ng		96
3) Pyridine	4.063	79	144326	34.12	ng		92
4) n-Nitrosodimethylamine	3.975	42	70414	35.32	ng	#	52
6) Aniline	7.571	93	191228	38.02	ng		92
8) 2-Chlorophenol	7.818	128	115000	39.95	ng		93
9) Benzaldehyde	7.389	77	108892	39.89	ng		90
10) Phenol	7.424	94	163532	38.86	ng		86
11) bis(2-Chloroethyl)ether	7.665	93	123930	37.73	ng		87
12) 1,3-Dichlorobenzene	8.141	146	127074	38.24	ng		93
13) 1,4-Dichlorobenzene	8.288	146	126796	37.85	ng		97
14) 1,2-Dichlorobenzene	8.611	146	121903	38.10	ng		95
15) Benzyl Alcohol	8.488	79	138565	40.51	ng		93
16) 2,2'-oxybis(1-Chloropr...	8.776	45	198198	37.00	ng		85
17) 2-Methylphenol	8.687	107	111190	40.15	ng	#	91
18) Hexachloroethane	9.345	117	49648	39.16	ng		92
19) n-Nitroso-di-n-propyla...	9.058	70	120309	38.13	ng	#	88
20) 3+4-Methylphenols	9.016	107	155682	39.94	ng		95
22) Acetophenone	9.081	105	198620	35.91	ng	#	96
24) Nitrobenzene	9.469	77	166646	35.66	ng		94
25) Isophorone	9.992	82	303467	36.40	ng	#	95
26) 2-Nitrophenol	10.186	139	68657	40.01	ng	#	93
27) 2,4-Dimethylphenol	10.227	122	108911	36.73	ng		95
28) bis(2-Chloroethoxy)met...	10.468	93	176980	37.13	ng		94
29) 2,4-Dichlorophenol	10.720	162	118098	39.08	ng		96
30) 1,2,4-Trichlorobenzene	10.938	180	129260	37.66	ng		97
31) Naphthalene	11.132	128	382497	36.73	ng		97
32) Benzoic acid	10.380	122	81667	37.11	ng	#	78
33) 4-Chloroaniline	11.231	127	162729	37.24	ng		96
34) Hexachlorobutadiene	11.402	225	80062	37.15	ng		95
35) Caprolactam	12.013	113	43805	37.88	ng	#	60
36) 4-Chloro-3-methylphenol	12.336	107	142459	37.72	ng	#	93
37) 2-Methylnaphthalene	12.718	142	265435	36.94	ng		92
38) 1-Methylnaphthalene	12.935	142	256002	36.74	ng		91
40) 1,2,4,5-Tetrachloroben...	13.076	216	141708	37.22	ng		97
41) Hexachlorocyclopentadiene	13.053	237	82240	37.37	ng		94
43) 2,4,6-Trichlorophenol	13.311	196	102164	38.08	ng		96

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.388	196	108511	38.68	ng		91
46) 1,1'-Biphenyl	13.711	154	347998	37.00	ng		92
47) 2-Chloronaphthalene	13.764	162	272392	37.72	ng		99
48) 2-Nitroaniline	13.958	65	112944	39.32	ng		98
49) Acenaphthylene	14.604	152	437528	36.98	ng		97
50) Dimethylphthalate	14.316	163	363330	37.28	ng		99
51) 2,6-Dinitrotoluene	14.445	165	74333	38.08	ng		92
52) Acenaphthene	14.939	154	282003m	37.09	ng		
53) 3-Nitroaniline	14.780	138	89091	38.58	ng		92
54) 2,4-Dinitrophenol	14.986	184	42790	35.34	ng		85
55) Dibenzofuran	15.274	168	430665	36.62	ng		97
56) 4-Nitrophenol	15.074	139	66734	35.93	ng	#	79
57) 2,4-Dinitrotoluene	15.233	165	108319	39.37	ng		94
58) Fluorene	15.920	166	332309	36.79	ng		96
59) 2,3,4,6-Tetrachlorophenol	15.491	232	87149	35.67	ng		93
60) Diethylphthalate	15.673	149	377552	36.87	ng		98
61) 4-Chlorophenyl-phenyle...	15.902	204	186189	37.67	ng		99
62) 4-Nitroaniline	15.938	138	91254	37.99	ng	#	67
63) Azobenzene	16.196	77	425741	35.92	ng		82
65) 4,6-Dinitro-2-methylph...	15.996	198	67877	40.79	ng		91
66) n-Nitrosodiphenylamine	16.120	169	299454	38.04	ng		98
67) 4-Bromophenyl-phenylether	16.801	248	110536	39.59	ng		95
68) Hexachlorobenzene	16.925	284	109166	39.34	ng		95
69) Atrazine	17.060	200	115144	37.13	ng		95
70) Pentachlorophenol	17.266	266	67896	35.94	ng		98
71) Phenanthrene	17.665	178	540953	37.05	ng		98
72) Anthracene	17.753	178	537159	37.02	ng		98
73) Carbazole	18.024	167	526562	36.41	ng		99
74) Di-n-butylphthalate	18.552	149	626040	36.89	ng	#	97
75) Fluoranthene	19.663	202	597729	33.30	ng		96
77) Benzidine	19.833	184	252858	37.01	ng		96
78) Pyrene	20.021	202	597482	39.95	ng		98
80) Butylbenzylphthalate	20.885	149	248387	39.26	ng		95
81) Benzo(a)anthracene	21.901	228	537238	38.51	ng		99
82) 3,3'-Dichlorobenzidine	21.807	252	173482	37.53	ng	#	97
83) Chrysene	21.972	228	504590	38.46	ng		97
84) Bis(2-ethylhexyl)phtha...	21.772	149	344075	38.28	ng	#	95
85) Di-n-octyl phthalate	23.053	149	579572	38.66	ng		95
87) Indeno(1,2,3-cd)pyrene	29.275	276	571399	38.76	ng	#	96
88) Benzo(b)fluoranthene	24.246	252	498751	38.47	ng	#	94
89) Benzo(k)fluoranthene	24.322	252	486537	38.15	ng	#	98
90) Benzo(a)pyrene	25.180	252	420429	38.15	ng	#	94
91) Dibenzo(a,h)anthracene	29.346	278	475240	38.97	ng	#	92
92) Benzo(g,h,i)perylene	30.515	276	457666	38.32	ng	#	92

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

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