Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100721\
Data File : BG050478.D
Acq On : 7 Oct 2021 10:34
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Oct 07 13:20:14 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100621.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 06 15:51:01 2021
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
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10/11/2021 12:54:40 PM

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.265	152	42344	20.00	ng	#	0.00
21) Naphthalene-d8	11.085	136	170140	20.00	ng	#	0.00
39) Acenaphthene-d10	14.880	164	113163	20.00	ng		0.00
64) Phenanthrene-d10	17.624	188	258171	20.00	ng	#	0.00
76) Chrysene-d12	21.925	240	250764	20.00	ng	#	0.00
86) Perylene-d12	25.333	264	252932	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.791	112	223271	78.86	ng		0.00
7) Phenol-d6	7.395	99	324542	79.17	ng		0.00
23) Nitrobenzene-d5	9.434	82	324867	79.04	ng		0.00
42) 2,4,6-Tribromophenol	16.361	330	83859	77.69	ng		0.00
45) 2-Fluorobiphenyl	13.505	172	581046	77.28	ng		0.00
79) Terphenyl-d14	20.209	244	1001461	77.83	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.658	88	56745	38.70	ng		94
3) Pyridine	4.064	79	160124	39.97	ng		93
4) n-Nitrosodimethylamine	3.975	42	74926	39.69	ng	#	50
6) Aniline	7.577	93	186170	39.09	ng		92
8) 2-Chlorophenol	7.818	128	108415	39.77	ng		89
9) Benzaldehyde	7.389	77	111519	43.59	ng		90
10) Phenol	7.418	94	156218	39.19	ng		87
11) bis(2-Chloroethyl)ether	7.665	93	119356	38.37	ng		84
12) 1,3-Dichlorobenzene	8.147	146	123458	39.23	ng		98
13) 1,4-Dichlorobenzene	8.294	146	120847	38.09	ng		97
14) 1,2-Dichlorobenzene	8.617	146	115382	38.08	ng		95
15) Benzyl Alcohol	8.494	79	126708	39.11	ng		94
16) 2,2'-oxybis(1-Chloropr...	8.782	45	192787	38.00	ng		85
17) 2-Methylphenol	8.688	107	104095	39.69	ng		91
18) Hexachloroethane	9.351	117	47740	39.76	ng		87
19) n-Nitroso-di-n-propyla...	9.064	70	113229	37.90	ng	#	91
20) 3+4-Methylphenols	9.017	107	143432	38.86	ng		95
22) Acetophenone	9.087	105	185625	38.38	ng		98
24) Nitrobenzene	9.475	77	160403	39.25	ng		97
25) Isophorone	9.992	82	279545	38.35	ng	#	95
26) 2-Nitrophenol	10.186	139	57882	38.57	ng	#	90
27) 2,4-Dimethylphenol	10.227	122	103678	39.99	ng		93
28) bis(2-Chloroethoxy)met...	10.474	93	161367	38.71	ng		92
29) 2,4-Dichlorophenol	10.720	162	106254	40.21	ng		96
30) 1,2,4-Trichlorobenzene	10.944	180	117785	39.24	ng		99
31) Naphthalene	11.138	128	357105	39.21	ng		99
32) Benzoic acid	10.344	122	77814	40.44	ng	#	80
33) 4-Chloroaniline	11.238	127	150721	39.45	ng		95
34) Hexachlorobutadiene	11.408	225	72839	38.65	ng		93
35) Caprolactam	12.007	113	40502	40.05	ng	#	70
36) 4-Chloro-3-methylphenol	12.330	107	129062	39.08	ng	#	93
37) 2-Methylnaphthalene	12.724	142	242180	38.54	ng		95
38) 1-Methylnaphthalene	12.941	142	233106	38.26	ng		93
40) 1,2,4,5-Tetrachloroben...	13.082	216	129028	38.61	ng		98
41) Hexachlorocyclopentadiene	13.059	237	72059	37.31	ng		90
43) 2,4,6-Trichlorophenol	13.312	196	91112	38.69	ng		92

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.382	196	98896	40.17	ng		90
46) 1,1'-Biphenyl	13.717	154	317726	38.49	ng		96
47) 2-Chloronaphthalene	13.764	162	243816	38.47	ng		99
48) 2-Nitroaniline	13.958	65	100539	39.88	ng		95
49) Acenaphthylene	14.604	152	402598	38.77	ng		96
50) Dimethylphthalate	14.322	163	331577	38.76	ng		99
51) 2,6-Dinitrotoluene	14.446	165	68057	39.72	ng		90
52) Acenaphthene	14.945	154	257685	38.61	ng		91
53) 3-Nitroaniline	14.775	138	82102	40.51	ng		88
54) 2,4-Dinitrophenol	14.980	184	40277	37.90	ng		87
55) Dibenzofuran	15.274	168	399392	38.70	ng		99
56) 4-Nitrophenol	15.057	139	68203	41.84	ng	#	80
57) 2,4-Dinitrotoluene	15.227	165	96212	39.84	ng		91
58) Fluorene	15.920	166	306289	38.64	ng		96
59) 2,3,4,6-Tetrachlorophenol	15.491	232	87067m	40.60	ng		
60) Diethylphthalate	15.673	149	349845	38.93	ng		96
61) 4-Chlorophenyl-phenyle...	15.909	204	167789	38.68	ng		97
62) 4-Nitroaniline	15.938	138	86257	40.91	ng	#	67
63) Azobenzene	16.202	77	406171	39.04	ng		82
65) 4,6-Dinitro-2-methylph...	15.985	198	57060	36.80	ng		88
66) n-Nitrosodiphenylamine	16.120	169	282007	38.44	ng		97
67) 4-Bromophenyl-phenylether	16.802	248	100158	38.50	ng		99
68) Hexachlorobenzene	16.919	284	100513	38.87	ng	#	92
69) Atrazine	17.060	200	114462	39.61	ng		98
70) Pentachlorophenol	17.260	266	68829	39.10	ng		98
71) Phenanthrene	17.665	178	531298	39.05	ng		98
72) Anthracene	17.753	178	525016	38.84	ng		98
73) Carbazole	18.024	167	539569	40.05	ng		100
74) Di-n-butylphthalate	18.558	149	653508	41.33	ng		98
75) Fluoranthene	19.657	202	677767	40.53	ng		96
77) Benzidine	19.833	184	325067	40.00	ng		97
78) Pyrene	20.021	202	679874	38.21	ng		97
80) Butylbenzylphthalate	20.891	149	297125	39.48	ng		94
81) Benzo(a)anthracene	21.901	228	642312	38.71	ng		98
82) 3,3'-Dichlorobenzidine	21.807	252	216579	39.39	ng	#	98
83) Chrysene	21.972	228	602490	38.60	ng		95
84) Bis(2-ethylhexyl)phtha...	21.778	149	415107	38.82	ng	#	97
85) Di-n-octyl phthalate	23.065	149	704260	39.49	ng		95
87) Indeno(1,2,3-cd)pyrene	29.252	276	699868	39.73	ng	#	93
88) Benzo(b)fluoranthene	24.246	252	612419	39.54	ng	#	93
89) Benzo(k)fluoranthene	24.316	252	598531	39.28	ng	#	97
90) Benzo(a)pyrene	25.174	252	527495	40.05	ng	#	93
91) Dibenzo(a,h)anthracene	29.328	278	576541	39.57	ng	#	92
92) Benzo(g,h,i)perylene	30.491	276	565751	39.64	ng	#	92

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

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