Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072121\
Data File : BG049400.D
Acq On : 21 Jul 2021 15:32
Operator : CG/JU
Sample : SSTDICC080
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Jul 21 16:12:47 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG072121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 21 14:53:02 2021
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED
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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.054	152	32958	20.00	ng		0.00
21) Naphthalene-d8	10.874	136	113660	20.00	ng		# 0.00
39) Acenaphthene-d10	14.704	164	74796	20.00	ng		0.00
64) Phenanthrene-d10	17.453	188	156588	20.00	ng		# 0.00
76) Chrysene-d12	21.736	240	153366	20.00	ng		0.00
86) Perylene-d12	25.014	264	165552	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.605	112	288803	137.25	ng		0.00
7) Phenol-d6	7.214	99	421051	140.35	ng		0.00
23) Nitrobenzene-d5	9.229	82	405246	151.17	ng		0.00
42) 2,4,6-Tribromophenol	16.196	330	167077	128.86	ng		0.00
45) 2-Fluorobiphenyl	13.324	172	793271	143.09	ng		0.00
79) Terphenyl-d14	20.062	244	1212225	133.94	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.478	88	60684	65.69	ng		98
3) Pyridine	3.884	79	173706	69.54	ng		85
4) n-Nitrosodimethylamine	3.801	42	89512	63.09	ng	#	71
6) Aniline	7.379	93	223942	61.31	ng	#	93
8) 2-Chlorophenol	7.620	128	144596	62.63	ng		92
9) Benzaldehyde	7.191	77	117702	74.59	ng		87
10) Phenol	7.244	94	197232	65.45	ng		93
11) bis(2-Chloroethyl)ether	7.473	93	136496	62.09	ng		90
12) 1,3-Dichlorobenzene	7.943	146	170305	65.95	ng		95
13) 1,4-Dichlorobenzene	8.090	146	169197	65.16	ng		96
14) 1,2-Dichlorobenzene	8.413	146	159391	63.76	ng		93
15) Benzyl Alcohol	8.295	79	173556	65.70	ng		94
16) 2,2'-oxybis(1-Chloropr...	8.583	45	154333	41.36	ng		96
17) 2-Methylphenol	8.495	107	134802	66.38	ng		97
18) Hexachloroethane	9.147	117	66455	64.09	ng		96
19) n-Nitroso-di-n-propyla...	8.871	70	129198	59.92	ng		90
20) 3+4-Methylphenols	8.830	107	182896	64.96	ng		97
22) Acetophenone	8.883	105	240682	70.99	ng	#	96
24) Nitrobenzene	9.270	77	216156	74.41	ng		97
25) Isophorone	9.793	82	354616	68.86	ng		97
26) 2-Nitrophenol	9.981	139	81058	70.09	ng		97
27) 2,4-Dimethylphenol	10.040	122	121939	70.28	ng		95
28) bis(2-Chloroethoxy)met...	10.275	93	157092	64.69	ng	#	91
29) 2,4-Dichlorophenol	10.522	162	146034	70.18	ng		96
30) 1,2,4-Trichlorobenzene	10.739	180	157744	64.37	ng		99
31) Naphthalene	10.927	128	470902	71.16	ng		97
32) Benzoic acid	10.228	122	95065	75.33	ng	#	71
33) 4-Chloroaniline	11.033	127	187235	68.43	ng		98
34) Hexachlorobutadiene	11.209	225	113622	62.76	ng		92
35) Caprolactam	11.837	113	44382m	67.21	ng		
36) 4-Chloro-3-methylphenol	12.155	107	170591	71.25	ng	#	90
37) 2-Methylnaphthalene	12.531	142	348128	69.86	ng		95
38) 1-Methylnaphthalene	12.748	142	325921	69.06	ng		95
40) 1,2,4,5-Tetrachloroben...	12.895	216	173542	66.51	ng		96
41) Hexachlorocyclopentadiene	12.877	237	91307	59.07	ng		94
43) 2,4,6-Trichlorophenol	13.136	196	121021	67.16	ng		89

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.212	196	126049	63.97	ng		91
46) 1,1'-Biphenyl	13.535	154	422539	75.62	ng		96
47) 2-Chloronaphthalene	13.582	162	326294	70.97	ng		98
48) 2-Nitroaniline	13.782	65	122306	72.95	ng		96
49) Acenaphthylene	14.428	152	527673	72.79	ng		97
50) Dimethylphthalate	14.158	163	419623	69.91	ng		100
51) 2,6-Dinitrotoluene	14.281	165	92894	67.51	ng		92
52) Acenaphthene	14.769	154	319485	70.72	ng		92
53) 3-Nitroaniline	14.610	138	95719	72.41	ng		95
54) 2,4-Dinitrophenol	14.816	184	52458	63.18	ng		93
55) Dibenzofuran	15.104	168	502421	68.31	ng		96
56) 4-Nitrophenol	14.921	139	75674	70.25	ng		95
57) 2,4-Dinitrotoluene	15.068	165	132546	67.81	ng		93
58) Fluorene	15.756	166	412603	67.83	ng		97
59) 2,3,4,6-Tetrachlorophenol	15.327	232	116493	63.51	ng		97
60) Diethylphthalate	15.515	149	420941	66.18	ng		96
61) 4-Chlorophenyl-phenyle...	15.744	204	210304	62.46	ng		92
62) 4-Nitroaniline	15.779	138	97284	70.85	ng		90
63) Azobenzene	16.038	77	454145	70.82	ng		88
65) 4,6-Dinitro-2-methylph...	15.832	198	77333	69.14	ng		88
66) n-Nitrosodiphenylamine	15.961	169	348745	71.21	ng		98
67) 4-Bromophenyl-phenylether	16.637	248	142596	67.50	ng		94
68) Hexachlorobenzene	16.760	284	158776	67.99	ng		97
69) Atrazine	16.907	200	135353	83.22	ng		97
70) Pentachlorophenol	17.101	266	87580	64.42	ng		99
71) Phenanthrene	17.500	178	644939	71.52	ng		97
72) Anthracene	17.588	178	630899	70.19	ng		97
73) Carbazole	17.859	167	605998	70.71	ng		98
74) Di-n-butylphthalate	18.411	149	696198	70.65	ng		98
75) Fluoranthene	19.504	202	798716	70.76	ng		98
77) Benzidine	19.686	184	312150	94.76	ng		97
78) Pyrene	19.868	202	779262	68.41	ng		96
80) Butylbenzylphthalate	20.749	149	311294	72.13	ng		99
81) Benzo(a)anthracene	21.718	228	758992	66.35	ng		99
82) 3,3'-Dichlorobenzidine	21.630	252	222135	57.08	ng		96
83) Chrysene	21.789	228	718788	66.14	ng		96
84) Bis(2-ethylhexyl)phtha...	21.612	149	456536	74.90	ng	#	93
85) Di-n-octyl phthalate	22.846	149	779091	75.94	ng		99
87) Indeno(1,2,3-cd)pyrene	28.785	276	923526	69.91	ng		98
88) Benzo(b)fluoranthene	23.974	252	840043	70.32	ng	#	95
89) Benzo(k)fluoranthene	24.050	252	787816	69.12	ng	#	98
90) Benzo(a)pyrene	24.873	252	767473	69.64	ng	#	98
91) Dibenzo(a,h)anthracene	28.856	278	764789	68.59	ng	#	94
92) Benzo(g,h,i)perylene	29.972	276	767626	69.84	ng	#	97

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

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