Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111621\
Data File : BG051068.D
Acq On : 16 Nov 2021 15:46
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Quant Time: Nov 16 17:20:25 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 15 03:55:35 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.224	152	36082	20.000	ng		0.00
21) Naphthalene-d8	11.056	136	154265	20.000	ng	#	0.00
39) Acenaphthene-d10	14.851	164	110395	20.000	ng		0.00
64) Phenanthrene-d10	17.601	188	245217	20.000	ng	#	0.00
76) Chrysene-d12	21.902	240	204325	20.000	ng	#	0.00
86) Perylene-d12	25.304	264	205279	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.762	112	192663	79.875	ng		0.00
7) Phenol-d6	7.372	99	272903	80.159	ng		0.00
23) Nitrobenzene-d5	9.405	82	282780	81.144	ng		0.00
42) 2,4,6-Tribromophenol	16.343	330	93658	84.777	ng		0.00
45) 2-Fluorobiphenyl	13.476	172	570147	81.603	ng		0.00
79) Terphenyl-d14	20.186	244	876452	78.488	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.611	88	41057	38.672	ng		92
3) Pyridine	4.028	79	124478	38.871	ng		91
4) n-Nitrosodimethylamine	3.940	42	55309	38.937	ng	#	38
6) Aniline	7.548	93	161177	39.751	ng		95
8) 2-Chlorophenol	7.783	128	98678	39.830	ng		93
9) Benzaldehyde	7.360	77	92765	37.866	ng		87
10) Phenol	7.401	94	137761	39.401	ng		82
11) bis(2-Chloroethyl)ether	7.636	93	104232	38.689	ng		88
12) 1,3-Dichlorobenzene	8.112	146	106310	39.398	ng		94
13) 1,4-Dichlorobenzene	8.259	146	107790	39.688	ng		96
14) 1,2-Dichlorobenzene	8.582	146	102966	39.036	ng		93
15) Benzyl Alcohol	8.464	79	110748	41.358	ng		90
16) 2,2'-oxybis(1-Chloropr...	8.746	45	157753	36.528	ng		87
17) 2-Methylphenol	8.664	107	95428	40.991	ng		92
18) Hexachloroethane	9.316	117	40699	39.478	ng		95
19) n-Nitroso-di-n-propyla...	9.028	70	100245	39.845	ng	#	88
20) 3+4-Methylphenols	8.993	107	135124	41.131	ng		95
22) Acetophenone	9.058	105	171335	39.961	ng	#	93
24) Nitrobenzene	9.446	77	138920	40.434	ng		93
25) Isophorone	9.969	82	254611	40.422	ng	#	95
26) 2-Nitrophenol	10.162	139	61828	42.341	ng	#	86
27) 2,4-Dimethylphenol	10.204	122	94257	42.349	ng		95
28) bis(2-Chloroethoxy)met...	10.439	93	146073	39.014	ng	#	92
29) 2,4-Dichlorophenol	10.697	162	102596	43.112	ng		95
30) 1,2,4-Trichlorobenzene	10.909	180	112606	42.238	ng		96
31) Naphthalene	11.103	128	334196	40.345	ng		99
32) Benzoic acid	10.356	122	72531	42.283	ng	#	81
33) 4-Chloroaniline	11.214	127	145140	41.471	ng		95
34) Hexachlorobutadiene	11.367	225	68624	42.303	ng		97
35) Caprolactam	11.996	113	27015	41.752	ng	#	74
36) 4-Chloro-3-methylphenol	12.313	107	126564	42.629	ng	#	93
37) 2-Methylnaphthalene	12.695	142	234129	41.595	ng		92
38) 1-Methylnaphthalene	12.912	142	229675	41.754	ng		93
40) 1,2,4,5-Tetrachloroben...	13.053	216	132761	41.281	ng		97
41) Hexachlorocyclopentadiene	13.024	237	46473	42.432	ng		93
43) 2,4,6-Trichlorophenol	13.294	196	96414	42.019	ng		93

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.365	196	101523	41.486	ng		94
46) 1,1'-Biphenyl	13.688	154	316664	39.282	ng		96
47) 2-Chloronaphthalene	13.741	162	250999	39.710	ng		97
48) 2-Nitroaniline	13.940	65	97182	40.150	ng		88
49) Acenaphthylene	14.581	152	401752	39.300	ng		97
50) Dimethylphthalate	14.299	163	339066	39.036	ng		98
51) 2,6-Dinitrotoluene	14.428	165	71983	40.267	ng	#	83
52) Acenaphthene	14.916	154	231905	38.933	ng		92
53) 3-Nitroaniline	14.763	138	80960	38.750	ng		95
54) 2,4-Dinitrophenol	14.974	184	42113	43.078	ng	#	81
55) Dibenzofuran	15.251	168	401647	39.644	ng		97
56) 4-Nitrophenol	15.063	139	63101	39.480	ng	#	69
57) 2,4-Dinitrotoluene	15.215	165	102454	40.393	ng	#	91
58) Fluorene	15.897	166	314435	39.759	ng		97
59) 2,3,4,6-Tetrachlorophenol	15.474	232	88887	42.648	ng	#	99
60) Diethylphthalate	15.650	149	353915	38.830	ng		97
61) 4-Chlorophenyl-phenyle...	15.879	204	174491	40.849	ng		97
62) 4-Nitroaniline	15.926	138	82408	37.946	ng	#	65
63) Azobenzene	16.173	77	372958	38.614	ng		82
65) 4,6-Dinitro-2-methylph...	15.979	198	65623	43.256	ng		92
66) n-Nitrosodiphenylamine	16.097	169	284582	40.410	ng		98
67) 4-Bromophenyl-phenylether	16.778	248	107024	41.666	ng		95
68) Hexachlorobenzene	16.902	284	105295	41.646	ng		95
69) Atrazine	17.037	200	69280	39.567	ng		96
70) Pentachlorophenol	17.248	266	62259	43.392	ng		97
71) Phenanthrene	17.642	178	520491	39.793	ng		98
72) Anthracene	17.736	178	513903	39.504	ng		98
73) Carbazole	18.006	167	496996	38.577	ng		99
74) Di-n-butylphthalate	18.529	149	585966	38.389	ng	#	96
75) Fluoranthene	19.640	202	600867	37.444	ng		96
77) Benzidine	19.816	184	139374	36.087	ng		99
78) Pyrene	20.004	202	596551	38.918	ng		98
80) Butylbenzylphthalate	20.868	149	257773	39.124	ng		97
81) Benzo(a)anthracene	21.878	228	556780	39.685	ng		100
82) 3,3'-Dichlorobenzidine	21.784	252	254927	39.730	ng	#	97
83) Chrysene	21.949	228	527142	39.829	ng		95
84) Bis(2-ethylhexyl)phtha...	21.743	149	361563	38.972	ng		98
85) Di-n-octyl phthalate	23.012	149	610268	39.077	ng		99
87) Indeno(1,2,3-cd)pyrene	29.234	276	593841	40.756	ng	#	89
88) Benzo(b)fluoranthene	24.217	252	517446	40.046	ng	#	93
89) Benzo(k)fluoranthene	24.293	252	519956	40.346	ng	#	96
90) Benzo(a)pyrene	25.151	252	446974	40.518	ng	#	93
91) Dibenzo(a,h)anthracene	29.299	278	488747	40.742	ng	#	93
92) Benzo(g,h,i)perylene	30.468	276	481660	40.799	ng	#	91

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

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