Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040422\
Data File : BG053007.D
Acq On : 4 Apr 2022 14:26
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Quant Time: Apr 05 01:06:35 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG031522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 24 16:48:57 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.135	152	32430	20.000	ng		-0.01
21) Naphthalene-d8	10.943	136	132114	20.000	ng		-0.02
39) Acenaphthene-d10	14.756	164	101363	20.000	ng		-0.01
64) Phenanthrene-d10	17.493	188	232084	20.000	ng		-0.01
76) Chrysene-d12	21.781	240	233577	20.000	ng		-0.02
86) Perylene-d12	25.083	264	247412	20.000	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.691	112	142756	76.661	ng		0.00
7) Phenol-d6	7.283	99	227211	80.932	ng		0.00
23) Nitrobenzene-d5	9.292	82	239009	90.800	ng		-0.01
42) 2,4,6-Tribromophenol	16.236	330	112616	82.681	ng		-0.01
45) 2-Fluorobiphenyl	13.381	172	523933	76.233	ng		-0.01
79) Terphenyl-d14	20.095	244	969723	73.851	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.588	88	36997	39.717	ng		93
3) Pyridine	3.988	79	99913	41.842	ng	#	90
4) n-Nitrosodimethylamine	3.900	42	45482	42.936	ng		94
6) Aniline	7.454	93	129178	39.242	ng		94
8) 2-Chlorophenol	7.700	128	76062	38.873	ng		94
9) Benzaldehyde	7.266	77	61763	39.952	ng		97
10) Phenol	7.313	94	110286	39.796	ng		90
11) bis(2-Chloroethyl)ether	7.542	93	77903	37.224	ng		93
12) 1,3-Dichlorobenzene	8.024	146	87305	37.058	ng	#	94
13) 1,4-Dichlorobenzene	8.170	146	91016	38.451	ng		97
14) 1,2-Dichlorobenzene	8.494	146	84248	37.633	ng		96
15) Benzyl Alcohol	8.364	79	97040	41.052	ng		94
16) 2,2'-oxybis(1-Chloropr...	8.658	45	136144	37.355	ng		99
17) 2-Methylphenol	8.570	107	74503	40.327	ng		96
18) Hexachloroethane	9.228	117	33460	38.528	ng		97
19) n-Nitroso-di-n-propyla...	8.934	70	79905	40.186	ng	#	94
20) 3+4-Methylphenols	8.893	107	105472	40.794	ng		94
22) Acetophenone	8.952	105	134874	39.450	ng		93
24) Nitrobenzene	9.334	77	116721	44.317	ng	#	88
25) Isophorone	9.856	82	203020	39.832	ng		98
26) 2-Nitrophenol	10.050	139	46161	50.470	ng	#	85
27) 2,4-Dimethylphenol	10.103	122	69517	37.152	ng		91
28) bis(2-Chloroethoxy)met...	10.338	93	116245	38.572	ng		98
29) 2,4-Dichlorophenol	10.585	162	88429	41.999	ng		99
30) 1,2,4-Trichlorobenzene	10.808	180	97019	39.061	ng		96
31) Naphthalene	10.996	128	255702	37.428	ng		98
32) Benzoic acid	10.226	122	56348	41.433	ng	#	81
33) 4-Chloroaniline	11.096	127	110822	38.273	ng		94
34) Hexachlorobutadiene	11.284	225	71706	40.265	ng		98
35) Caprolactam	11.860	113	29819	51.867	ng	#	78
36) 4-Chloro-3-methylphenol	12.206	107	101115	41.356	ng		93
37) 2-Methylnaphthalene	12.594	142	193257	38.627	ng		97
38) 1-Methylnaphthalene	12.811	142	188332	38.569	ng		96
40) 1,2,4,5-Tetrachloroben...	12.958	216	122113	38.560	ng		98
41) Hexachlorocyclopentadiene	12.940	237	73448	39.128	ng		95
43) 2,4,6-Trichlorophenol	13.187	196	85122	41.973	ng		97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.258	196	92538	44.956	ng		95
46) 1,1'-Biphenyl	13.587	154	265800	37.497	ng		99
47) 2-Chloronaphthalene	13.634	162	208308	37.315	ng		96
48) 2-Nitroaniline	13.827	65	79334	51.963	ng		93
49) Acenaphthylene	14.480	152	335227	37.670	ng		99
50) Dimethylphthalate	14.198	163	285907	37.952	ng		99
51) 2,6-Dinitrotoluene	14.315	165	57708	45.371	ng	#	78
52) Acenaphthene	14.814	154	220779	38.726	ng		98
53) 3-Nitroaniline	14.644	138	63657	42.770	ng		96
54) 2,4-Dinitrophenol	14.844	184	39811	57.422	ng	#	79
55) Dibenzofuran	15.149	168	342559	36.795	ng		97
56) 4-Nitrophenol	14.944	139	52004	42.834	ng	#	84
57) 2,4-Dinitrotoluene	15.102	165	83010	47.037	ng		88
58) Fluorene	15.795	166	279350	36.810	ng		97
59) 2,3,4,6-Tetrachlorophenol	15.372	232	90038	40.923	ng		97
60) Diethylphthalate	15.555	149	291141	36.612	ng		99
61) 4-Chlorophenyl-phenyle...	15.784	204	157510	37.634	ng		96
62) 4-Nitroaniline	15.807	138	63737	40.528	ng	#	75
63) Azobenzene	16.077	77	308606	36.309	ng		96
65) 4,6-Dinitro-2-methylph...	15.866	198	57741	55.806	ng		95
66) n-Nitrosodiphenylamine	15.995	169	246590	37.740	ng		99
67) 4-Bromophenyl-phenylether	16.682	248	107757	38.511	ng		94
68) Hexachlorobenzene	16.806	284	120850	40.182	ng		95
69) Atrazine	16.941	200	90359	37.505	ng		98
70) Pentachlorophenol	17.147	266	75588	40.511	ng		91
71) Phenanthrene	17.540	178	466427	37.567	ng		97
72) Anthracene	17.628	178	468727	38.189	ng		98
73) Carbazole	17.893	167	447765	36.835	ng		100
74) Di-n-butylphthalate	18.445	149	492931	37.119	ng		99
75) Fluoranthene	19.543	202	599419	38.033	ng		100
77) Benzidine	19.714	184	264931	43.976	ng		100
78) Pyrene	19.902	202	597311	36.865	ng		98
80) Butylbenzylphthalate	20.783	149	215208	37.444	ng		97
81) Benzo(a)anthracene	21.758	228	584905	37.396	ng		99
82) 3,3'-Dichlorobenzidine	21.664	252	211676	38.324	ng		100
83) Chrysene	21.828	228	547802	37.255	ng		100
84) Bis(2-ethylhexyl)phtha...	21.658	149	297186	38.022	ng		99
85) Di-n-octyl phthalate	22.898	149	502035	38.582	ng		95
87) Indeno(1,2,3-cd)pyrene	28.866	276	675114	39.866	ng	#	97
88) Benzo(b)fluoranthene	24.037	252	579375	37.715	ng		99
89) Benzo(k)fluoranthene	24.102	252	563874	37.308	ng		99
90) Benzo(a)pyrene	24.930	252	489397	37.636	ng		98
91) Dibenzo(a,h)anthracene	28.925	278	550698	39.465	ng		99
92) Benzo(g,h,i)perylene	30.053	276	548738	39.744	ng		99

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

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