Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100522\
Data File : BG055075.D
Acq On : 5 Oct 2022 12:13
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Quant Time: Oct 06 03:36:18 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 04 07:12:22 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.341	152	27063	20.000	ng		0.00
21) Naphthalene-d8	11.173	136	116966	20.000	ng		0.00
39) Acenaphthene-d10	14.951	164	88657	20.000	ng		0.00
64) Phenanthrene-d10	17.683	188	220767	20.000	ng		0.00
76) Chrysene-d12	21.978	240	212843	20.000	ng		0.00
86) Perylene-d12	25.433	264	229296	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.862	112	113086	92.813	ng		0.00
7) Phenol-d6	7.466	99	166756	91.343	ng		0.00
23) Nitrobenzene-d5	9.516	82	177452	90.654	ng		0.00
42) 2,4,6-Tribromophenol	16.426	330	94719	104.127	ng		0.00
45) 2-Fluorobiphenyl	13.582	172	447967	78.881	ng		0.00
79) Terphenyl-d14	20.257	244	880327	83.597	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.694	88	26011	37.730	ng		98
3) Pyridine	4.105	79	81078	39.110	ng		93
4) n-Nitrosodimethylamine	4.017	42	44799	37.788	ng	#	89
6) Aniline	7.654	93	107459	40.230	ng		98
8) 2-Chlorophenol	7.901	128	66275	47.289	ng		97
9) Benzaldehyde	7.466	77	54889	37.427	ng		95
10) Phenol	7.495	94	92958	44.809	ng		95
11) bis(2-Chloroethyl)ether	7.748	93	66336	39.014	ng		99
12) 1,3-Dichlorobenzene	8.230	146	77662	40.258	ng		98
13) 1,4-Dichlorobenzene	8.376	146	77876	39.890	ng		99
14) 1,2-Dichlorobenzene	8.705	146	75432	39.770	ng		99
15) Benzyl Alcohol	8.570	79	75517	46.054	ng		93
16) 2,2'-oxybis(1-Chloropr...	8.870	45	121065	37.590	ng		99
17) 2-Methylphenol	8.764	107	63707	43.586	ng		94
18) Hexachloroethane	9.446	117	26792	43.280	ng		92
19) n-Nitroso-di-n-propyla...	9.146	70	71033	40.168	ng		98
20) 3+4-Methylphenols	9.093	107	95181	46.760	ng		98
22) Acetophenone	9.170	105	119111	40.157	ng	#	99
24) Nitrobenzene	9.557	77	93160	43.831	ng		90
25) Isophorone	10.080	82	180364	43.354	ng		100
26) 2-Nitrophenol	10.274	139	36854	59.386	ng	#	90
27) 2,4-Dimethylphenol	10.315	122	68094	47.746	ng		99
28) bis(2-Chloroethoxy)met...	10.556	93	89322	41.959	ng		97
29) 2,4-Dichlorophenol	10.803	162	78121	45.063	ng		97
30) 1,2,4-Trichlorobenzene	11.032	180	83712	40.980	ng		97
31) Naphthalene	11.226	128	252039	40.828	ng		99
32) Benzoic acid	10.421	122	53443	55.601	ng		92
33) 4-Chloroaniline	11.320	127	108713	42.588	ng		98
34) Hexachlorobutadiene	11.502	225	55230	41.696	ng		98
35) Caprolactam	12.078	113	30817	55.546	ng	#	90
36) 4-Chloro-3-methylphenol	12.407	107	90146	45.424	ng		97
37) 2-Methylnaphthalene	12.807	142	185711	40.822	ng		97
38) 1-Methylnaphthalene	13.018	142	181793	41.082	ng		97
40) 1,2,4,5-Tetrachloroben...	13.159	216	102881	39.744	ng		99
41) Hexachlorocyclopentadiene	13.141	237	52475	47.076	ng		99
43) 2,4,6-Trichlorophenol	13.388	196	73589	46.821	ng		99

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44) 2,4,5-Trichlorophenol	13.459	196	82875	46.656	ng		98
46) 1,1'-Biphenyl	13.794	154	243139	39.999	ng		98
47) 2-Chloronaphthalene	13.841	162	195934	40.001	ng		99
48) 2-Nitroaniline	14.023	65	64753	47.069	ng		97
49) Acenaphthylene	14.675	152	323701	39.909	ng		99
50) Dimethylphthalate	14.393	163	282704	46.982	ng		99
51) 2,6-Dinitrotoluene	14.510	165	55798	45.467	ng		87
52) Acenaphthene	15.016	154	207562	41.213	ng		98
53) 3-Nitroaniline	14.839	138	65197	45.611	ng		98
54) 2,4-Dinitrophenol	15.039	184	28735	51.376	ng	#	57
55) Dibenzofuran	15.345	168	330324	41.110	ng		99
56) 4-Nitrophenol	15.121	139	52018	49.152	ng		99
57) 2,4-Dinitrotoluene	15.292	165	78280	46.632	ng		89
58) Fluorene	15.991	166	262185	40.775	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.556	232	80292	48.792	ng		100
60) Diethylphthalate	15.744	149	302443	48.711	ng		99
61) 4-Chlorophenyl-phenyle...	15.973	204	142638	40.809	ng		96
62) 4-Nitroaniline	15.997	138	70652	48.807	ng		97
63) Azobenzene	16.267	77	274947	39.318	ng		98
65) 4,6-Dinitro-2-methylph...	16.050	198	42713	51.907	ng		95
66) n-Nitrosodiphenylamine	16.185	169	237213	41.258	ng		96
67) 4-Bromophenyl-phenylether	16.866	248	98637	42.246	ng		97
68) Hexachlorobenzene	16.990	284	110894	41.081	ng		96
69) Atrazine	17.119	200	94338	50.363	ng		99
70) Pentachlorophenol	17.325	266	71797	49.724	ng		96
71) Phenanthrene	17.724	178	470993	40.615	ng		99
72) Anthracene	17.818	178	459026	40.698	ng		99
73) Carbazole	18.077	167	426604	43.092	ng		99
74) Di-n-butylphthalate	18.617	149	531278	51.409	ng		99
75) Fluoranthene	19.716	202	587497	40.609	ng		99
77) Benzidine	19.881	184	200167	54.591	ng		98
78) Pyrene	20.075	202	594471	42.004	ng		99
80) Butylbenzylphthalate	20.944	149	220734	49.630	ng		98
81) Benzo(a)anthracene	21.961	228	560146	41.428	ng		99
82) 3,3'-Dichlorobenzidine	21.861	252	190609	48.493	ng		98
83) Chrysene	22.031	228	527031	40.443	ng		99
84) Bis(2-ethylhexyl)phtha...	21.843	149	310939	47.020	ng		99
85) Di-n-octyl phthalate	23.141	149	525132	47.289	ng		97
87) Indeno(1,2,3-cd)pyrene	29.416	276	686370	41.479	ng		98
88) Benzo(b)fluoranthene	24.334	252	556650	41.202	ng		99
89) Benzo(k)fluoranthene	24.405	252	551756	40.538	ng		99
90) Benzo(a)pyrene	25.274	252	476679	41.166	ng		99
91) Dibenzo(a,h)anthracene	29.499	278	569194	42.344	ng		98
92) Benzo(g,h,i)perylene	30.674	276	557833	41.340	ng		100

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

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