Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG101422\
Data File : BG055174.D
Acq On : 14 Oct 2022 10:58
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Quant Time: Oct 14 11:36:08 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG101322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 13 05:14:13 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.300	152	20382	20.000	ng		0.00
21) Naphthalene-d8	11.132	136	89439	20.000	ng		0.00
39) Acenaphthene-d10	14.910	164	74699	20.000	ng		0.00
64) Phenanthrene-d10	17.642	188	198188	20.000	ng		0.00
76) Chrysene-d12	21.931	240	179582	20.000	ng		0.00
86) Perylene-d12	25.344	264	197997	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.820	112	84393	81.009	ng		0.00
7) Phenol-d6	7.436	99	124337	80.683	ng		0.00
23) Nitrobenzene-d5	9.475	82	133850	80.252	ng		0.00
42) 2,4,6-Tribromophenol	16.390	330	98898	92.141	ng		0.00
45) 2-Fluorobiphenyl	13.541	172	378200	82.707	ng		0.00
79) Terphenyl-d14	20.221	244	775698	86.995	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.635	88	16091	36.502	ng		98
3) Pyridine	4.058	79	54116	38.931	ng		99
4) n-Nitrosodimethylamine	3.964	42	27647	37.481	ng		93
6) Aniline	7.612	93	79040	39.942	ng		98
8) 2-Chlorophenol	7.859	128	51626	40.639	ng		100
9) Benzaldehyde	7.424	77	39116	37.742	ng		96
10) Phenol	7.459	94	68303	39.894	ng		98
11) bis(2-Chloroethyl)ether	7.706	93	48605	40.137	ng		91
12) 1,3-Dichlorobenzene	8.188	146	60333	40.862	ng		94
13) 1,4-Dichlorobenzene	8.341	146	62721	42.074	ng		94
14) 1,2-Dichlorobenzene	8.658	146	59875	41.941	ng		98
15) Benzyl Alcohol	8.529	79	55392	40.206	ng		95
16) 2,2'-oxybis(1-Chloropr...	8.828	45	75622	37.356	ng		97
17) 2-Methylphenol	8.729	107	50465	40.968	ng		98
18) Hexachloroethane	9.398	117	20822	41.203	ng		96
19) n-Nitroso-di-n-propyla...	9.105	70	49048	39.437	ng		97
20) 3+4-Methylphenols	9.058	107	72081	40.783	ng		99
22) Acetophenone	9.128	105	91361	41.256	ng	#	98
24) Nitrobenzene	9.516	77	69661	40.370	ng		97
25) Isophorone	10.039	82	131334	40.547	ng		98
26) 2-Nitrophenol	10.233	139	34305	41.960	ng		97
27) 2,4-Dimethylphenol	10.274	122	52329	42.087	ng		99
28) bis(2-Chloroethoxy)met...	10.515	93	64668	40.286	ng		97
29) 2,4-Dichlorophenol	10.767	162	65060	43.782	ng		97
30) 1,2,4-Trichlorobenzene	10.991	180	68935	43.005	ng		92
31) Naphthalene	11.185	128	196825	41.845	ng		99
32) Benzoic acid	10.397	122	38962	37.519	ng		93
33) 4-Chloroaniline	11.279	127	87525	43.290	ng		97
34) Hexachlorobutadiene	11.461	225	45328	44.349	ng		98
35) Caprolactam	12.042	113	26703	43.742	ng		96
36) 4-Chloro-3-methylphenol	12.371	107	74124	44.233	ng		98
37) 2-Methylnaphthalene	12.765	142	151207	42.929	ng		99
38) 1-Methylnaphthalene	12.982	142	146183	42.538	ng		100
40) 1,2,4,5-Tetrachloroben...	13.123	216	86169	40.899	ng		99
41) Hexachlorocyclopentadiene	13.100	237	42872	40.724	ng		99
43) 2,4,6-Trichlorophenol	13.353	196	65650	42.871	ng		99

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44) 2,4,5-Trichlorophenol	13.423	196	75561	44.467	ng		99
46) 1,1'-Biphenyl	13.752	154	203559	41.045	ng		99
47) 2-Chloronaphthalene	13.799	162	166832	41.587	ng		97
48) 2-Nitroaniline	13.987	65	58113	40.605	ng		97
49) Acenaphthylene	14.639	152	283978	42.168	ng		100
50) Dimethylphthalate	14.351	163	261810	43.602	ng		100
51) 2,6-Dinitrotoluene	14.475	165	53779	43.523	ng		97
52) Acenaphthene	14.974	154	185027	42.472	ng		98
53) 3-Nitroaniline	14.804	138	62343	43.517	ng		98
54) 2,4-Dinitrophenol	15.009	184	31204	41.513	ng		86
55) Dibenzofuran	15.303	168	291704	42.917	ng		99
56) 4-Nitrophenol	15.092	139	49363	44.249	ng		97
57) 2,4-Dinitrotoluene	15.256	165	81154	44.841	ng		98
58) Fluorene	15.950	166	238687	42.769	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.527	232	73238	43.676	ng		99
60) Diethylphthalate	15.703	149	274127	43.342	ng		99
61) 4-Chlorophenyl-phenyle...	15.932	204	129614	43.374	ng		99
62) 4-Nitroaniline	15.961	138	66529	43.014	ng		96
63) Azobenzene	16.226	77	218742	40.738	ng		98
65) 4,6-Dinitro-2-methylph...	16.020	198	50953	43.740	ng		93
66) n-Nitrosodiphenylamine	16.143	169	220051	42.087	ng		100
67) 4-Bromophenyl-phenylether	16.825	248	92725	42.918	ng		97
68) Hexachlorobenzene	16.948	284	109923	44.267	ng		96
69) Atrazine	17.078	200	89285	43.315	ng		98
70) Pentachlorophenol	17.289	266	62743	42.408	ng		96
71) Phenanthrene	17.689	178	431532	41.978	ng		100
72) Anthracene	17.777	178	421465	41.953	ng		99
73) Carbazole	18.041	167	391263	41.829	ng		99
74) Di-n-butylphthalate	18.576	149	469386	40.763	ng		100
75) Fluoranthene	19.675	202	512109	39.852	ng		98
77) Benzidine	19.839	184	186179	46.231	ng		99
78) Pyrene	20.033	202	516065	43.108	ng		99
80) Butylbenzylphthalate	20.897	149	186058	40.486	ng		98
81) Benzo(a)anthracene	21.907	228	485298	42.237	ng		99
82) 3,3'-Dichlorobenzidine	21.807	252	171851	43.581	ng		99
83) Chrysene	21.978	228	461848	42.611	ng		99
84) Bis(2-ethylhexyl)phtha...	21.784	149	260471	39.789	ng		99
85) Di-n-octyl phthalate	23.059	149	443612	40.647	ng		98
87) Indeno(1,2,3-cd)pyrene	29.293	276	627649	42.795	ng		98
88) Benzo(b)fluoranthene	24.257	252	498250	42.221	ng		99
89) Benzo(k)fluoranthene	24.328	252	491962	41.493	ng		99
90) Benzo(a)pyrene	25.186	252	424180	42.034	ng		99
91) Dibenzo(a,h)anthracene	29.363	278	525355	43.287	ng	#	98
92) Benzo(g,h,i)perylene	30.527	276	517447	43.524	ng		98

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

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