Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100722\
Data File : BG055094.D
Acq On : 7 Oct 2022 10:15
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Quant Time: Oct 08 03:07:46 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Oct 08 03:04:59 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.338	152	29395	20.000	ng		0.00
21) Naphthalene-d8	11.170	136	129552	20.000	ng		0.00
39) Acenaphthene-d10	14.942	164	97553	20.000	ng		0.00
64) Phenanthrene-d10	17.674	188	240565	20.000	ng		0.00
76) Chrysene-d12	21.969	240	229589	20.000	ng		0.00
86) Perylene-d12	25.418	264	251838	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.852	112	124490	94.067	ng		0.00
7) Phenol-d6	7.462	99	175878	88.697	ng		0.00
23) Nitrobenzene-d5	9.507	82	188898	87.127	ng		0.00
42) 2,4,6-Tribromophenol	16.416	330	104046	103.961	ng		0.00
45) 2-Fluorobiphenyl	13.573	172	471577	75.466	ng		0.00
79) Terphenyl-d14	20.253	244	892982	78.614	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.684	88	27893	37.250	ng		98
3) Pyridine	4.101	79	86121	38.247	ng		95
4) n-Nitrosodimethylamine	4.008	42	45961	35.692	ng	#	91
6) Aniline	7.644	93	109391	37.704	ng		96
8) 2-Chlorophenol	7.891	128	72418	47.573	ng		93
9) Benzaldehyde	7.462	77	60059	37.703	ng		92
10) Phenol	7.492	94	97716	43.365	ng		96
11) bis(2-Chloroethyl)ether	7.738	93	70478	38.161	ng		97
12) 1,3-Dichlorobenzene	8.226	146	84347	40.255	ng		97
13) 1,4-Dichlorobenzene	8.373	146	84738	39.962	ng		98
14) 1,2-Dichlorobenzene	8.696	146	81534	39.577	ng		97
15) Benzyl Alcohol	8.561	79	77986	43.787	ng		96
16) 2,2'-oxybis(1-Chloropr...	8.855	45	120248	34.374	ng		100
17) 2-Methylphenol	8.761	107	68724	43.289	ng		96
18) Hexachloroethane	9.436	117	29104	43.285	ng		89
19) n-Nitroso-di-n-propyla...	9.137	70	71096	37.014	ng	#	96
20) 3+4-Methylphenols	9.090	107	98395	44.504	ng		99
22) Acetophenone	9.160	105	125753	38.277	ng	#	98
24) Nitrobenzene	9.548	77	97974	41.618	ng		91
25) Isophorone	10.071	82	183776	39.882	ng		97
26) 2-Nitrophenol	10.265	139	45275	65.868	ng	#	85
27) 2,4-Dimethylphenol	10.306	122	72916	46.160	ng		96
28) bis(2-Chloroethoxy)met...	10.553	93	92098	39.060	ng		99
29) 2,4-Dichlorophenol	10.800	162	83799	43.768	ng		97
30) 1,2,4-Trichlorobenzene	11.023	180	90235	39.882	ng		95
31) Naphthalene	11.217	128	264056	38.619	ng		100
32) Benzoic acid	10.418	122	62519	57.912	ng		95
33) 4-Chloroaniline	11.311	127	110162	38.963	ng		98
34) Hexachlorobutadiene	11.499	225	59299	40.419	ng		97
35) Caprolactam	12.075	113	31947	51.988	ng		92
36) 4-Chloro-3-methylphenol	12.398	107	93539	42.738	ng		97
37) 2-Methylnaphthalene	12.797	142	196778	39.052	ng		99
38) 1-Methylnaphthalene	13.015	142	191098	38.990	ng		99
40) 1,2,4,5-Tetrachloroben...	13.156	216	108806	38.200	ng		98
41) Hexachlorocyclopentadiene	13.138	237	58938	48.052	ng		96
43) 2,4,6-Trichlorophenol	13.385	196	80501	46.573	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.449	196	89676	45.941	ng		98
46) 1,1'-Biphenyl	13.784	154	254626	38.069	ng		99
47) 2-Chloronaphthalene	13.831	162	207911	38.576	ng		99
48) 2-Nitroaniline	14.019	65	73312	48.313	ng		98
49) Acenaphthylene	14.671	152	341596	38.274	ng		99
50) Dimethylphthalate	14.384	163	299444	45.225	ng		100
51) 2,6-Dinitrotoluene	14.507	165	61050	45.230	ng	#	81
52) Acenaphthene	15.006	154	221755	40.016	ng		97
53) 3-Nitroaniline	14.836	138	69498	44.278	ng		94
54) 2,4-Dinitrophenol	15.030	184	35608	57.858	ng	#	68
55) Dibenzofuran	15.335	168	343698	38.873	ng		99
56) 4-Nitrophenol	15.112	139	56131	48.297	ng		97
57) 2,4-Dinitrotoluene	15.283	165	89948	48.537	ng		87
58) Fluorene	15.982	166	277151	39.172	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.553	232	85617	47.417	ng		100
60) Diethylphthalate	15.735	149	311001	45.522	ng		100
61) 4-Chlorophenyl-phenyle...	15.964	204	150750	39.197	ng		97
62) 4-Nitroaniline	15.988	138	75185	47.202	ng		93
63) Azobenzene	16.258	77	276245	35.901	ng		97
65) 4,6-Dinitro-2-methylph...	16.040	198	51852	57.827	ng		92
66) n-Nitrosodiphenylamine	16.176	169	249085	39.758	ng		97
67) 4-Bromophenyl-phenylether	16.857	248	101224	39.786	ng		97
68) Hexachlorobenzene	16.981	284	116781	39.702	ng		95
69) Atrazine	17.110	200	96135	47.098	ng		95
70) Pentachlorophenol	17.315	266	76986	49.030	ng		97
71) Phenanthrene	17.721	178	486008	38.460	ng		99
72) Anthracene	17.809	178	473523	38.528	ng		99
73) Carbazole	18.067	167	435380	40.359	ng		99
74) Di-n-butylphthalate	18.608	149	531791	47.223	ng		99
75) Fluoranthene	19.707	202	600922	38.119	ng		99
77) Benzidine	19.871	184	136216	34.440	ng		98
78) Pyrene	20.065	202	601962	39.431	ng		99
80) Butylbenzylphthalate	20.935	149	231325	48.355	ng		96
81) Benzo(a)anthracene	21.951	228	574878	39.416	ng		99
82) 3,3'-Dichlorobenzidine	21.851	252	196268	46.291	ng		100
83) Chrysene	22.022	228	541848	38.547	ng		99
84) Bis(2-ethylhexyl)phtha...	21.834	149	326713	45.908	ng		99
85) Di-n-octyl phthalate	23.126	149	562294	46.974	ng		96
87) Indeno(1,2,3-cd)pyrene	29.390	276	725597	39.925	ng		99
88) Benzo(b)fluoranthene	24.319	252	592214	39.911	ng		99
89) Benzo(k)fluoranthene	24.390	252	575962	38.529	ng		100
90) Benzo(a)pyrene	25.253	252	495313	38.947	ng		97
91) Dibenzo(a,h)anthracene	29.466	278	594614	40.276	ng		99
92) Benzo(g,h,i)perylene	30.629	276	585608	39.514	ng		99

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

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