Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG051223\
Data File : BG057420.D
Acq On : 12 May 2023 22:25
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Quant Time: May 13 03:22:48 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG042723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 12 22:04:03 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.367	152	17586	20.000	ng		0.00
21) Naphthalene-d8	11.198	136	69864	20.000	ng		0.00
39) Acenaphthene-d10	14.981	164	55289	20.000	ng		0.00
64) Phenanthrene-d10	17.719	188	136864	20.000	ng		0.00
76) Chrysene-d12	22.031	240	122586	20.000	ng		0.00
86) Perylene-d12	25.532	264	133075	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.882	112	80309	78.117	ng		0.00
7) Phenol-d6	7.503	99	120267	77.038	ng		0.00
23) Nitrobenzene-d5	9.542	82	124808	74.978	ng		0.00
42) 2,4,6-Tribromophenol	16.462	330	67094	85.525	ng		0.00
45) 2-Fluorobiphenyl	13.607	172	322033	78.445	ng		0.00
79) Terphenyl-d14	20.286	244	583727	77.708	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.679	88	15525	36.523	ng		96
3) Pyridine	4.102	79	50428	36.915	ng		97
4) n-Nitrosodimethylamine	4.014	42	21872	34.071	ng	#	94
6) Aniline	7.679	93	73599	37.163	ng		99
8) 2-Chlorophenol	7.926	128	42561	39.179	ng		99
9) Benzaldehyde	7.491	77	30797	36.606	ng		96
10) Phenol	7.533	94	58617	38.517	ng		97
11) bis(2-Chloroethyl)ether	7.762	93	42726	37.232	ng		98
12) 1,3-Dichlorobenzene	8.255	146	46933	39.145	ng		94
13) 1,4-Dichlorobenzene	8.402	146	47064	39.079	ng		96
14) 1,2-Dichlorobenzene	8.725	146	45208	38.885	ng		95
15) Benzyl Alcohol	8.602	79	48609	37.376	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.884	45	50184	34.696	ng		97
17) 2-Methylphenol	8.801	107	43103	39.291	ng		98
18) Hexachloroethane	9.459	117	17110	39.369	ng		97
19) n-Nitroso-di-n-propyla...	9.166	70	42451	35.661	ng		98
20) 3+4-Methylphenols	9.130	107	60246	40.107	ng		97
22) Acetophenone	9.195	105	74785	37.400	ng	#	94
24) Nitrobenzene	9.589	77	62216	37.031	ng		94
25) Isophorone	10.106	82	117369	36.362	ng		99
26) 2-Nitrophenol	10.305	139	27052	42.065	ng		96
27) 2,4-Dimethylphenol	10.346	122	46035	40.880	ng		96
28) bis(2-Chloroethoxy)met...	10.581	93	60972	37.706	ng		98
29) 2,4-Dichlorophenol	10.846	162	49987	41.853	ng		95
30) 1,2,4-Trichlorobenzene	11.057	180	54424	39.507	ng		98
31) Naphthalene	11.251	128	148081	39.647	ng		98
32) Benzoic acid	10.493	122	25754	40.481	ng		95
33) 4-Chloroaniline	11.357	127	67676	40.347	ng		93
34) Hexachlorobutadiene	11.521	225	40361	39.485	ng		97
35) Caprolactam	12.120	113	15815	38.764	ng		98
36) 4-Chloro-3-methylphenol	12.449	107	56455	41.594	ng		98
37) 2-Methylnaphthalene	12.831	142	117825	40.123	ng		95
38) 1-Methylnaphthalene	13.049	142	108818	39.314	ng		100
40) 1,2,4,5-Tetrachloroben...	13.190	216	78549	40.019	ng		99
41) Hexachlorocyclopentadiene	13.166	237	34993	40.466	ng		100
43) 2,4,6-Trichlorophenol	13.425	196	49462	41.363	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.507	196	57411	40.815	ng		96
46) 1,1'-Biphenyl	13.812	154	162936	39.715	ng		96
47) 2-Chloronaphthalene	13.871	162	120269	39.422	ng		98
48) 2-Nitroaniline	14.065	65	40160	38.714	ng		94
49) Acenaphthylene	14.705	152	195889	39.522	ng		100
50) Dimethylphthalate	14.417	163	170700	37.571	ng		98
51) 2,6-Dinitrotoluene	14.547	165	38008	40.973	ng		87
52) Acenaphthene	15.046	154	119620	38.622	ng		98
53) 3-Nitroaniline	14.881	138	35872	38.600	ng		95
54) 2,4-Dinitrophenol	15.093	184	20511	38.426	ng		91
55) Dibenzofuran	15.375	168	203716	39.147	ng		100
56) 4-Nitrophenol	15.187	139	24912	40.304	ng		94
57) 2,4-Dinitrotoluene	15.334	165	53662	40.476	ng		96
58) Fluorene	16.021	166	168284	39.260	ng		97
59) 2,3,4,6-Tetrachlorophenol	15.598	232	51090	40.062	ng		98
60) Diethylphthalate	15.757	149	173005	37.496	ng		98
61) 4-Chlorophenyl-phenyle...	15.998	204	101971	39.490	ng		97
62) 4-Nitroaniline	16.039	138	38293	40.844	ng		93
63) Azobenzene	16.291	77	160497	36.052	ng		98
65) 4,6-Dinitro-2-methylph...	16.097	198	35987	44.041	ng		98
66) n-Nitrosodiphenylamine	16.215	169	146408	39.386	ng		98
67) 4-Bromophenyl-phenylether	16.890	248	66350	39.712	ng		99
68) Hexachlorobenzene	17.026	284	66442	40.922	ng		97
69) Atrazine	17.143	200	56623	39.932	ng		98
70) Pentachlorophenol	17.372	266	36789	39.317	ng		97
71) Phenanthrene	17.760	178	280223	39.957	ng		99
72) Anthracene	17.854	178	282503	39.258	ng		99
73) Carbazole	18.118	167	240211	39.651	ng		100
74) Di-n-butylphthalate	18.635	149	278982	40.025	ng		99
75) Fluoranthene	19.751	202	344253	39.467	ng		98
77) Benzidine	19.916	184	103104	37.621	ng		99
78) Pyrene	20.110	202	346241	38.869	ng		99
80) Butylbenzylphthalate	20.961	149	120662	42.691	ng		97
81) Benzo(a)anthracene	22.007	228	346263	39.646	ng		99
82) 3,3'-Dichlorobenzidine	21.907	252	113654	40.627	ng	#	98
83) Chrysene	22.078	228	324998	39.549	ng		99
84) Bis(2-ethylhexyl)phtha...	21.849	149	172425	41.232	ng		99
85) Di-n-octyl phthalate	23.147	149	291328	41.787	ng		97
87) Indeno(1,2,3-cd)pyrene	29.585	276	378012	38.976	ng		100
88) Benzo(b)fluoranthene	24.410	252	334303	38.430	ng		99
89) Benzo(k)fluoranthene	24.480	252	337095	38.134	ng		99
90) Benzo(a)pyrene	25.367	252	324608	38.195	ng		96
91) Dibenzo(a,h)anthracene	29.638	278	318353	39.415	ng		100
92) Benzo(g,h,i)perylene	30.860	276	308647	39.136	ng		97

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

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