Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122123\
Data File : BG060124.D
Acq On : 21 Dec 2023 16:07
Operator : MA/JU
Sample : SSTDICCC040
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDICCC040

Quant Time: Dec 22 03:29:44 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG122123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 22 03:23:04 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.947	152	87932	20.000	ng	0.00
21) Naphthalene-d8	10.749	136	486835	20.000	ng	0.00
39) Acenaphthene-d10	14.580	164	444514	20.000	ng	0.00
64) Phenanthrene-d10	17.330	188	1272245	20.000	ng	0.00
76) Chrysene-d12	21.595	240	1143483	20.000	ng	0.00
86) Perylene-d12	24.774	264	1020753	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.514	112	453313	81.232	ng	0.00
7) Phenol-d6	7.106	99	817009	86.993	ng	0.00
23) Nitrobenzene-d5	9.104	82	817673	82.278	ng	0.00
42) 2,4,6-Tribromophenol	16.072	330	518677	86.662	ng	0.00
45) 2-Fluorobiphenyl	13.205	172	2393240	80.842	ng	0.00
79) Terphenyl-d14	19.950	244	4769391	75.474	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.417	88	93067	39.827	ng	100
3) Pyridine	3.816	79	329709	43.925	ng	100
4) n-Nitrosodimethylamine	3.728	42	146391	42.994	ng	100
6) Aniline	7.271	93	433997	44.253	ng	100
8) 2-Chlorophenol	7.506	128	263740	42.653	ng	100
9) Benzaldehyde	7.077	77	210337	40.372	ng	100
10) Phenol	7.130	94	409062	43.591	ng	100
11) bis(2-Chloroethyl)ether	7.365	93	312996	42.485	ng	100
12) 1,3-Dichlorobenzene	7.829	146	284292	41.137	ng	100
13) 1,4-Dichlorobenzene	7.976	146	293498	41.058	ng	100
14) 1,2-Dichlorobenzene	8.293	146	298104	41.413	ng	100
15) Benzyl Alcohol	8.176	79	315475	45.759	ng	100
16) 2,2'-oxybis(1-Chloropr...	8.469	45	585455	42.721	ng	100
17) 2-Methylphenol	8.381	107	283054	43.472	ng	100
18) Hexachloroethane	9.022	117	96289	40.588	ng	100
19) n-Nitroso-di-n-propyla...	8.746	70	338320	46.328	ng	100
20) 3+4-Methylphenols	8.710	107	419561	44.884	ng	100
22) Acetophenone	8.763	105	567399	40.863	ng	100
24) Nitrobenzene	9.145	77	423611	41.249	ng	100
25) Isophorone	9.668	82	1023669	42.265	ng	100
26) 2-Nitrophenol	9.856	139	173107	42.555	ng	100
27) 2,4-Dimethylphenol	9.915	122	239067	42.696	ng	100
28) bis(2-Chloroethoxy)met...	10.150	93	532602	41.879	ng	100
29) 2,4-Dichlorophenol	10.391	162	359517	43.040	ng	100
30) 1,2,4-Trichlorobenzene	10.608	180	366255	40.845	ng	100
31) Naphthalene	10.796	128	1087260	41.952	ng	100
32) Benzoic acid	10.050	122	261527	42.379	ng	100
33) 4-Chloroaniline	10.908	127	500785	44.710	ng	100
34) Hexachlorobutadiene	11.078	225	201868	40.323	ng	100
35) Caprolactam	11.677	113	199666	45.758	ng	100
36) 4-Chloro-3-methylphenol	12.030	107	445035	44.443	ng	100
37) 2-Methylnaphthalene	12.406	142	859421	42.729	ng	100
38) 1-Methylnaphthalene	12.623	142	854012	42.297	ng	100
40) 1,2,4,5-Tetrachloroben...	12.770	216	455627	39.142	ng	100
41) Hexachlorocyclopentadiene	12.753	237	155903	39.591	ng	100
43) 2,4,6-Trichlorophenol	13.011	196	360515	41.518	ng	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.082	196	410524	41.685	ng	100
46) 1,1'-Biphenyl	13.417	154	1279510	39.614	ng	100
47) 2-Chloronaphthalene	13.458	162	1073698	40.542	ng	100
48) 2-Nitroaniline	13.657	65	365457	42.294	ng	100
49) Acenaphthylene	14.304	152	1734929	41.910	ng	100
50) Dimethylphthalate	14.034	163	1633490	41.780	ng	100
51) 2,6-Dinitrotoluene	14.157	165	335571	42.908	ng	100
52) Acenaphthene	14.645	154	1052838	41.355	ng	100
53) 3-Nitroaniline	14.486	138	363122	43.703	ng	100
54) 2,4-Dinitrophenol	14.692	184	193974	41.105	ng	100
55) Dibenzofuran	14.979	168	1777358	41.452	ng	100
56) 4-Nitrophenol	14.791	139	298858	43.324	ng	100
57) 2,4-Dinitrotoluene	14.944	165	504537	43.948	ng	100
58) Fluorene	15.626	166	1512278	41.686	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.203	232	376504	42.572	ng	100
60) Diethylphthalate	15.402	149	1790096	42.387	ng	100
61) 4-Chlorophenyl-phenyle...	15.620	204	725304	41.937	ng	100
62) 4-Nitroaniline	15.655	138	428745	43.958	ng	100
63) Azobenzene	15.914	77	1580570	41.927	ng	100
65) 4,6-Dinitro-2-methylph...	15.708	198	311189	45.198	ng	100
66) n-Nitrosodiphenylamine	15.837	169	1397030	41.631	ng	100
67) 4-Bromophenyl-phenylether	16.513	248	489147	40.811	ng	100
68) Hexachlorobenzene	16.630	284	558916	40.724	ng	100
69) Atrazine	16.783	200	443610	35.524	ng	100
70) Pentachlorophenol	16.977	266	380161	44.742	ng	100
71) Phenanthrene	17.371	178	2685401	41.891	ng	100
72) Anthracene	17.465	178	2707321	41.953	ng	100
73) Carbazole	17.735	167	2850667	41.610	ng	100
74) Di-n-butylphthalate	18.293	149	3399170	41.845	ng	100
75) Fluoranthene	19.386	202	3501480	41.608	ng	100
77) Benzidine	19.568	184	1109481	35.886	ng	100
78) Pyrene	19.750	202	3660451	41.934	ng	100
80) Butylbenzylphthalate	20.638	149	1267407	43.320	ng	100
81) Benzo(a)anthracene	21.578	228	3093259	40.714	ng	100
82) 3,3'-Dichlorobenzidine	21.495	252	923896	41.018	ng	100
83) Chrysene	21.642	228	2950116	41.357	ng	100
84) Bis(2-ethylhexyl)phtha...	21.484	149	1623369	41.633	ng	100
85) Di-n-octyl phthalate	22.682	149	2739643	42.165	ng	100
87) Indeno(1,2,3-cd)pyrene	28.399	276	2970802	41.698	ng	100
88) Benzo(b)fluoranthene	23.763	252	2674407	41.433	ng	100
89) Benzo(k)fluoranthene	23.834	252	2515234	39.761	ng	100
90) Benzo(a)pyrene	24.627	252	2323072	40.849	ng	100
91) Dibenzo(a,h)anthracene	28.464	278	2442381	41.514	ng	100
92) Benzo(g,h,i)perylene	29.539	276	2408710	40.528	ng	100

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

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