Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG030325\
Data File : BG064038.D
Acq On : 3 Mar 2025 14:58
Operator : RC/JU
Sample : SSTDICCC040
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDICCC040

Quant Time: Mar 04 07:12:43 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG030325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 04 07:06:59 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.864	152	35886	20.000	ng	0.00
21) Naphthalene-d8	10.655	136	173886	20.000	ng	0.00
39) Acenaphthene-d10	14.486	164	121725	20.000	ng	0.00
64) Phenanthrene-d10	17.230	188	274012	20.000	ng	0.00
76) Chrysene-d12	21.460	240	274236	20.000	ng	0.00
86) Perylene-d12	24.474	264	286191	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.450	112	172647	82.514	ng	0.00
7) Phenol-d6	7.024	99	251048	85.061	ng	0.00
23) Nitrobenzene-d5	9.016	82	255452	85.384	ng	0.00
42) 2,4,6-Tribromophenol	15.973	330	98511	76.209	ng	0.00
45) 2-Fluorobiphenyl	13.111	172	662757	82.836	ng	0.00
79) Terphenyl-d14	19.850	244	1063739	78.732	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.370	88	39235	37.441	ng	100
3) Pyridine	3.757	79	99549	40.046	ng	100
4) n-Nitrosodimethylamine	3.675	42	72861	40.173	ng	100
6) Aniline	7.189	93	130436	41.383	ng	100
8) 2-Chlorophenol	7.430	128	92587	41.602	ng	100
9) Benzaldehyde	7.001	77	71660	40.729	ng	100
10) Phenol	7.054	94	130419	42.427	ng	100
11) bis(2-Chloroethyl)ether	7.289	93	106721	41.845	ng	100
12) 1,3-Dichlorobenzene	7.753	146	106203	40.085	ng	100
13) 1,4-Dichlorobenzene	7.900	146	106361	38.834	ng	100
14) 1,2-Dichlorobenzene	8.217	146	104035	39.786	ng	100
15) Benzyl Alcohol	8.099	79	97118	40.095	ng	100
16) 2,2'-oxybis(1-Chloropr...	8.393	45	233885	40.715	ng	100
17) 2-Methylphenol	8.299	107	89716	43.368	ng	100
18) Hexachloroethane	8.945	117	37657	41.027	ng	100
19) n-Nitroso-di-n-propyla...	8.669	70	101734	43.999	ng	100
20) 3+4-Methylphenols	8.628	107	123814	41.711	ng	100
22) Acetophenone	8.681	105	191715	39.953	ng	100
24) Nitrobenzene	9.057	77	132434	41.956	ng	100
25) Isophorone	9.580	82	265124	41.704	ng	100
26) 2-Nitrophenol	9.762	139	29276	39.139	ng	100
27) 2,4-Dimethylphenol	9.827	122	71098	42.068	ng	100
28) bis(2-Chloroethoxy)met...	10.062	93	164707	42.139	ng	100
29) 2,4-Dichlorophenol	10.297	162	92291	38.428	ng	100
30) 1,2,4-Trichlorobenzene	10.514	180	112953	39.823	ng	100
31) Naphthalene	10.702	128	376334	40.182	ng	100
32) Benzoic acid	9.968	122	38441	38.070	ng	100
33) 4-Chloroaniline	10.802	127	144311	41.620	ng	100
34) Hexachlorobutadiene	10.996	225	73858	40.054	ng	100
35) Caprolactam	11.578	113	32823	38.818	ng	100
36) 4-Chloro-3-methylphenol	11.930	107	129192	43.468	ng	100
37) 2-Methylnaphthalene	12.312	142	270623	40.044	ng	100
38) 1-Methylnaphthalene	12.530	142	270076	40.027	ng	100
40) 1,2,4,5-Tetrachloroben...	12.676	216	137834	40.789	ng	100
41) Hexachlorocyclopentadiene	12.665	237	38597	42.783	ng	100
43) 2,4,6-Trichlorophenol	12.917	196	78879	38.778	ng	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.988	196	90224	39.549	ng	100
46) 1,1'-Biphenyl	13.323	154	388446	41.851	ng	100
47) 2-Chloronaphthalene	13.364	162	275241	41.217	ng	100
48) 2-Nitroaniline	13.558	65	71217	39.466	ng	100
49) Acenaphthylene	14.210	152	440407	41.781	ng	100
50) Dimethylphthalate	13.951	163	356758	44.721	ng	100
51) 2,6-Dinitrotoluene	14.057	165	68556	40.334	ng	100
52) Acenaphthene	14.551	154	299604	41.522	ng	100
53) 3-Nitroaniline	14.386	138	69775	39.219	ng	100
54) 2,4-Dinitrophenol	14.592	184	19038	40.499	ng	100
55) Dibenzofuran	14.886	168	474445	41.126	ng	100
56) 4-Nitrophenol	14.686	139	49758	37.683	ng	100
57) 2,4-Dinitrotoluene	14.844	165	88061	38.178	ng	100
58) Fluorene	15.532	166	369501	41.531	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.109	232	83449	38.901	ng	100
60) Diethylphthalate	15.314	149	375859	44.537	ng	100
61) 4-Chlorophenyl-phenyle...	15.532	204	183386	40.777	ng	100
62) 4-Nitroaniline	15.550	138	75278	39.628	ng	100
63) Azobenzene	15.826	77	437860	41.438	ng	100
65) 4,6-Dinitro-2-methylph...	15.608	198	31544	39.816	ng	100
66) n-Nitrosodiphenylamine	15.743	169	314963	41.398	ng	100
67) 4-Bromophenyl-phenylether	16.425	248	111709	39.715	ng	100
68) Hexachlorobenzene	16.537	284	131632	42.022	ng	100
69) Atrazine	16.695	200	81939	47.857	ng	100
70) Pentachlorophenol	16.877	266	66158	37.760	ng	100
71) Phenanthrene	17.271	178	586823	40.249	ng	100
72) Anthracene	17.359	178	587473	40.536	ng	100
73) Carbazole	17.629	167	525643	40.816	ng	100
74) Di-n-butylphthalate	18.205	149	554432	37.310	ng	100
75) Fluoranthene	19.280	202	671703	39.340	ng	100
77) Benzidine	19.463	184	160458	45.465	ng	100
78) Pyrene	19.639	202	705586	40.322	ng	100
80) Butylbenzylphthalate	20.544	149	181845	38.390	ng	100
81) Benzo(a)anthracene	21.443	228	704528	40.310	ng	100
82) 3,3'-Dichlorobenzidine	21.366	252	225167	44.724	ng	100
83) Chrysene	21.507	228	708007	40.441	ng	100
84) Bis(2-ethylhexyl)phtha...	21.378	149	318860	39.215	ng	100
85) Di-n-octyl phthalate	22.530	149	505591	39.059	ng	100
87) Indeno(1,2,3-cd)pyrene	27.870	276	775529	40.771	ng	100
88) Benzo(b)fluoranthene	23.528	252	701757	41.045	ng	100
89) Benzo(k)fluoranthene	23.593	252	727886	41.831	ng	100
90) Benzo(a)pyrene	24.339	252	623945	40.919	ng	100
91) Dibenzo(a,h)anthracene	27.935	278	643980	40.984	ng	100
92) Benzo(g,h,i)perylene	28.940	276	662708	40.502	ng	100

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

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