Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG020325\
Data File : BG063979.D
Acq On : 3 Feb 2025 13:49
Operator : RC/JU
Sample : SSTDICCC040
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDICCC040

Quant Time: Feb 04 02:46:26 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG020325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Feb 04 02:44:47 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.876	152	58215	20.000	ng	0.00
21) Naphthalene-d8	10.661	136	254634	20.000	ng	0.00
39) Acenaphthene-d10	14.498	164	171313	20.000	ng	0.00
64) Phenanthrene-d10	17.236	188	370673	20.000	ng	0.00
76) Chrysene-d12	21.472	240	406429	20.000	ng	0.00
86) Perylene-d12	24.498	264	431314	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.461	112	310604	85.544	ng	0.00
7) Phenol-d6	7.036	99	416114	83.510	ng	0.00
23) Nitrobenzene-d5	9.028	82	342204	81.676	ng	0.00
42) 2,4,6-Tribromophenol	15.984	330	130268	73.373	ng	0.00
45) 2-Fluorobiphenyl	13.123	172	898918	80.395	ng	0.00
79) Terphenyl-d14	19.862	244	1546856	79.486	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.393	88	69861	40.514	ng	100
3) Pyridine	3.781	79	194752	41.808	ng	100
4) n-Nitrosodimethylamine	3.699	42	108034	40.350	ng	100
6) Aniline	7.206	93	220230	41.244	ng	100
8) 2-Chlorophenol	7.441	128	157587	42.593	ng	100
9) Benzaldehyde	7.018	77	111112	40.848	ng	100
10) Phenol	7.065	94	216089	41.198	ng	100
11) bis(2-Chloroethyl)ether	7.300	93	172018	40.728	ng	100
12) 1,3-Dichlorobenzene	7.765	146	179229	40.710	ng	100
13) 1,4-Dichlorobenzene	7.912	146	180921	40.690	ng	100
14) 1,2-Dichlorobenzene	8.229	146	172378	40.449	ng	100
15) Benzyl Alcohol	8.111	79	154672	41.530	ng	100
16) 2,2'-oxybis(1-Chloropr...	8.411	45	343411	40.378	ng	100
17) 2-Methylphenol	8.311	107	142808	42.098	ng	100
18) Hexachloroethane	8.957	117	62553	42.748	ng	100
19) n-Nitroso-di-n-propyla...	8.681	70	144686	41.931	ng	100
20) 3+4-Methylphenols	8.634	107	190536	42.160	ng	100
22) Acetophenone	8.693	105	280690	40.120	ng	100
24) Nitrobenzene	9.069	77	180345	38.095	ng	100
25) Isophorone	9.592	82	364239	40.103	ng	100
26) 2-Nitrophenol	9.780	139	38570	39.559	ng	100
27) 2,4-Dimethylphenol	9.839	122	109948	42.083	ng	100
28) bis(2-Chloroethoxy)met...	10.080	93	232223	40.182	ng	100
29) 2,4-Dichlorophenol	10.309	162	137391	38.427	ng	100
30) 1,2,4-Trichlorobenzene	10.526	180	172841	40.268	ng	100
31) Naphthalene	10.714	128	550914	40.354	ng	100
32) Benzoic acid	9.968	122	57583m	37.919	ng	
33) 4-Chloroaniline	10.814	127	213817	40.878	ng	100
34) Hexachlorobutadiene	11.008	225	109810	40.173	ng	100
35) Caprolactam	11.578	113	49255	38.096	ng	100
36) 4-Chloro-3-methylphenol	11.936	107	178005	42.565	ng	100
37) 2-Methylnaphthalene	12.324	142	382546	40.211	ng	100
38) 1-Methylnaphthalene	12.541	142	371846	39.502	ng	100
40) 1,2,4,5-Tetrachloroben...	12.688	216	201175	39.822	ng	100
41) Hexachlorocyclopentadiene	12.677	237	55630	40.817	ng	100
43) 2,4,6-Trichlorophenol	12.929	196	109593	38.035	ng	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.994	196	127838	39.072	ng	100
46) 1,1'-Biphenyl	13.335	154	522991	40.097	ng	100
47) 2-Chloronaphthalene	13.370	162	378606	39.825	ng	100
48) 2-Nitroaniline	13.570	65	91764	38.321	ng	100
49) Acenaphthylene	14.222	152	593049	40.161	ng	100
50) Dimethylphthalate	13.957	163	472774	41.622	ng	100
51) 2,6-Dinitrotoluene	14.069	165	78903	38.638	ng	100
52) Acenaphthene	14.563	154	392940	39.670	ng	100
53) 3-Nitroaniline	14.392	138	91397	37.599	ng	100
54) 2,4-Dinitrophenol	14.592	184	17325	37.854	ng	100
55) Dibenzofuran	14.897	168	639708	39.775	ng	100
56) 4-Nitrophenol	14.692	139	68812	36.454	ng	100
57) 2,4-Dinitrotoluene	14.856	165	100291	38.133	ng	100
58) Fluorene	15.544	166	492419	39.612	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.121	232	115130	37.040	ng	100
60) Diethylphthalate	15.326	149	506557	42.063	ng	100
61) 4-Chlorophenyl-phenyle...	15.544	204	242572	38.891	ng	100
62) 4-Nitroaniline	15.556	138	99097	37.793	ng	100
63) Azobenzene	15.838	77	560634	39.414	ng	100
65) 4,6-Dinitro-2-methylph...	15.614	198	31222	39.130	ng	100
66) n-Nitrosodiphenylamine	15.755	169	420890	40.953	ng	100
67) 4-Bromophenyl-phenylether	16.437	248	151128	40.962	ng	100
68) Hexachlorobenzene	16.548	284	177766	40.982	ng	100
69) Atrazine	16.707	200	146392	42.803	ng	100
70) Pentachlorophenol	16.889	266	90008	37.000	ng	100
71) Phenanthrene	17.277	178	785058	40.325	ng	100
72) Anthracene	17.371	178	790085	40.557	ng	100
73) Carbazole	17.635	167	733964	40.247	ng	100
74) Di-n-butylphthalate	18.217	149	840439	44.212	ng	100
75) Fluoranthene	19.292	202	958478	40.430	ng	100
77) Benzidine	19.474	184	383004	44.254	ng	100
78) Pyrene	19.651	202	1002470	39.954	ng	100
80) Butylbenzylphthalate	20.556	149	315091	37.357	ng	100
81) Benzo(a)anthracene	21.454	228	1040731	40.331	ng	100
82) 3,3'-Dichlorobenzidine	21.372	252	352733	43.893	ng	100
83) Chrysene	21.519	228	1014525	39.507	ng	100
84) Bis(2-ethylhexyl)phtha...	21.402	149	528301	38.571	ng	100
85) Di-n-octyl phthalate	22.553	149	829893	37.813	ng	100
87) Indeno(1,2,3-cd)pyrene	27.912	276	1127623	40.525	ng	100
88) Benzo(b)fluoranthene	23.546	252	1036813	40.823	ng	100
89) Benzo(k)fluoranthene	23.611	252	1069986	41.029	ng	100
90) Benzo(a)pyrene	24.357	252	918885	40.533	ng	100
91) Dibenzo(a,h)anthracene	27.976	278	956574	40.713	ng	100
92) Benzo(g,h,i)perylene	28.975	276	957984	40.388	ng	100

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

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