Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG010325\
Data File : BG063924.D
Acq On : 3 Jan 2025 13:40
Operator : RC/JU
Sample : SSTDICCC040
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDICCC040

Quant Time: Jan 03 23:03:02 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG010325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 03 22:59:09 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.794	152	107735	20.000	ng	0.00
21) Naphthalene-d8	10.579	136	438114	20.000	ng	0.00
39) Acenaphthene-d10	14.439	164	309911	20.000	ng	0.00
64) Phenanthrene-d10	17.195	188	689382	20.000	ng	0.00
76) Chrysene-d12	21.455	240	735080	20.000	ng	0.00
86) Perylene-d12	24.475	264	773231	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.391	112	546306	80.793	ng	0.00
7) Phenol-d6	6.983	99	803612	82.150	ng	0.00
23) Nitrobenzene-d5	8.952	82	873836	78.567	ng	0.00
42) 2,4,6-Tribromophenol	15.938	330	291064	77.885	ng	0.00
45) 2-Fluorobiphenyl	13.053	172	1643916	76.846	ng	0.00
79) Terphenyl-d14	19.827	244	2801235	75.664	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.294	88	139254	39.173	ng	100
3) Pyridine	3.687	79	395321	41.291	ng	100
4) n-Nitrosodimethylamine	3.605	42	151261	41.324	ng	100
6) Aniline	7.124	93	352685	41.505	ng	100
8) 2-Chlorophenol	7.365	128	265457	40.379	ng	100
9) Benzaldehyde	6.936	77	252205	40.374	ng	100
10) Phenol	7.007	94	417765	41.018	ng	100
11) bis(2-Chloroethyl)ether	7.224	93	323700	40.538	ng	100
12) 1,3-Dichlorobenzene	7.683	146	321399	40.560	ng	100
13) 1,4-Dichlorobenzene	7.829	146	327257	41.319	ng	100
14) 1,2-Dichlorobenzene	8.147	146	312303	40.067	ng	100
15) Benzyl Alcohol	8.035	79	295663	42.121	ng	100
16) 2,2'-oxybis(1-Chloropr...	8.329	45	472597	41.114	ng	100
17) 2-Methylphenol	8.252	107	270742	40.952	ng	100
18) Hexachloroethane	8.863	117	120976	39.381	ng	100
19) n-Nitroso-di-n-propyla...	8.599	70	298784	41.824	ng	100
20) 3+4-Methylphenols	8.576	107	375904	42.272	ng	100
22) Acetophenone	8.617	105	513587	39.040	ng	100
24) Nitrobenzene	8.993	77	470867	39.429	ng	100
25) Isophorone	9.516	82	769783	39.271	ng	100
26) 2-Nitrophenol	9.704	139	153958	40.629	ng	100
27) 2,4-Dimethylphenol	9.774	122	191159	39.561	ng	100
28) bis(2-Chloroethoxy)met...	9.997	93	464118	39.705	ng	100
29) 2,4-Dichlorophenol	10.244	162	283460	39.261	ng	100
30) 1,2,4-Trichlorobenzene	10.450	180	339070	38.829	ng	100
31) Naphthalene	10.632	128	918614	38.676	ng	100
32) Benzoic acid	9.950	122	128612m	39.089	ng	
33) 4-Chloroaniline	10.749	127	311308	40.374	ng	100
34) Hexachlorobutadiene	10.920	225	231721	38.712	ng	100
35) Caprolactam	11.519	113	95292	39.970	ng	100
36) 4-Chloro-3-methylphenol	11.895	107	315350	39.348	ng	100
37) 2-Methylnaphthalene	12.248	142	650225	38.963	ng	100
38) 1-Methylnaphthalene	12.471	142	642939	38.736	ng	100
40) 1,2,4,5-Tetrachloroben...	12.624	216	399497	38.422	ng	100
41) Hexachlorocyclopentadiene	12.600	237	52612	37.163	ng	100
43) 2,4,6-Trichlorophenol	12.871	196	242313	39.565	ng	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.953	196	272128	39.592	ng	100
46) 1,1'-Biphenyl	13.270	154	863557	38.178	ng	100
47) 2-Chloronaphthalene	13.311	162	720873	38.764	ng	100
48) 2-Nitroaniline	13.517	65	246115	39.554	ng	100
49) Acenaphthylene	14.163	152	1056775	38.354	ng	100
50) Dimethylphthalate	13.899	163	868672	38.375	ng	100
51) 2,6-Dinitrotoluene	14.022	165	199393	39.544	ng	100
52) Acenaphthene	14.504	154	644243	38.241	ng	100
53) 3-Nitroaniline	14.357	138	184459	39.877	ng	100
54) 2,4-Dinitrophenol	14.574	184	91050	37.818	ng	100
55) Dibenzofuran	14.839	168	1114605	38.117	ng	100
56) 4-Nitrophenol	14.692	139	135254	42.642	ng	100
57) 2,4-Dinitrotoluene	14.821	165	271107	38.302	ng	100
58) Fluorene	15.491	166	858713	37.794	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.080	232	242052	39.898	ng	100
60) Diethylphthalate	15.268	149	834222	37.389	ng	100
61) 4-Chlorophenyl-phenyle...	15.485	204	474055	38.483	ng	100
62) 4-Nitroaniline	15.526	138	196285	40.822	ng	100
63) Azobenzene	15.779	77	1082493	38.352	ng	100
65) 4,6-Dinitro-2-methylph...	15.591	198	154862	43.086	ng	100
66) n-Nitrosodiphenylamine	15.703	169	735981	40.995	ng	100
67) 4-Bromophenyl-phenylether	16.384	248	311059	40.814	ng	100
68) Hexachlorobenzene	16.507	284	348720	40.080	ng	100
69) Atrazine	16.660	200	219122	38.074	ng	100
70) Pentachlorophenol	16.860	266	159286	43.855	ng	100
71) Phenanthrene	17.236	178	1460939	40.740	ng	100
72) Anthracene	17.330	178	1430689	40.987	ng	100
73) Carbazole	17.606	167	1314007	40.761	ng	100
74) Di-n-butylphthalate	18.164	149	1477228	41.126	ng	100
75) Fluoranthene	19.263	202	1846855	40.814	ng	100
77) Benzidine	19.451	184	462165	45.106	ng	100
78) Pyrene	19.627	202	1934629	38.369	ng	100
80) Butylbenzylphthalate	20.520	149	597783	38.426	ng	100
81) Benzo(a)anthracene	21.437	228	1877890	38.191	ng	100
82) 3,3'-Dichlorobenzidine	21.355	252	603170	39.488	ng	100
83) Chrysene	21.496	228	1813831	37.989	ng	100
84) Bis(2-ethylhexyl)phtha...	21.343	149	926997	38.970	ng	100
85) Di-n-octyl phthalate	22.483	149	1620012	39.095	ng	100
87) Indeno(1,2,3-cd)pyrene	27.906	276	2137408	39.796	ng	100
88) Benzo(b)fluoranthene	23.523	252	1912979	39.577	ng	100
89) Benzo(k)fluoranthene	23.581	252	1954705	40.300	ng	100
90) Benzo(a)pyrene	24.339	252	1705247	39.718	ng	100
91) Dibenzo(a,h)anthracene	27.941	278	1774908	39.984	ng	100
92) Benzo(g,h,i)perylene	28.958	276	1833690	40.117	ng	100

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

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