Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG020325\
Data File : BG063981.D
Acq On : 3 Feb 2025 15:04
Operator : RC/JU
Sample : SSTDICC060
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDICC060

Quant Time: Feb 04 02:47:11 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	7.877	152	58908	20.000	ng		0.00
21) Naphthalene-d8	10.667	136	253178	20.000	ng		0.00
39) Acenaphthene-d10	14.498	164	176231	20.000	ng		0.00
64) Phenanthrene-d10	17.236	188	408653	20.000	ng		0.00
76) Chrysene-d12	21.472	240	437619	20.000	ng		0.00
86) Perylene-d12	24.498	264	454744	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.462	112	466226	126.894	ng		0.00
7) Phenol-d6	7.042	99	631512	125.248	ng		0.00
23) Nitrobenzene-d5	9.028	82	573748	137.728	ng		0.00
42) 2,4,6-Tribromophenol	15.985	330	252237	124.602	ng		0.00
45) 2-Fluorobiphenyl	13.129	172	1365469	118.713	ng		0.00
79) Terphenyl-d14	19.862	244	2428035	115.874	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.388	88	102460	58.719	ng		98
3) Pyridine	3.775	79	284087m	60.268	ng		
4) n-Nitrosodimethylamine	3.693	42	162952	60.146	ng		100
6) Aniline	7.207	93	330887	61.238	ng		99
8) 2-Chlorophenol	7.442	128	243433	65.022	ng		97
9) Benzaldehyde	7.019	77	152908	55.551	ng		94
10) Phenol	7.066	94	332668	62.678	ng		97
11) bis(2-Chloroethyl)ether	7.307	93	257301	60.203	ng		97
12) 1,3-Dichlorobenzene	7.765	146	257960	57.903	ng		99
13) 1,4-Dichlorobenzene	7.912	146	268019	59.570	ng		99
14) 1,2-Dichlorobenzene	8.229	146	261616	60.667	ng		99
15) Benzyl Alcohol	8.112	79	241398	64.053	ng		96
16) 2,2'-oxybis(1-Chloropr...	8.405	45	522250	60.683	ng		99
17) 2-Methylphenol	8.311	107	217149	63.260	ng		92
18) Hexachloroethane	8.958	117	93570	63.192	ng		98
19) n-Nitroso-di-n-propyla...	8.687	70	220672	63.199	ng		99
20) 3+4-Methylphenols	8.640	107	295217	64.554	ng		99
22) Acetophenone	8.693	105	424384	61.008	ng	#	99
24) Nitrobenzene	9.069	77	299793	61.121	ng		99
25) Isophorone	9.592	82	568605	62.964	ng		99
26) 2-Nitrophenol	9.780	139	79901	60.172	ng		96
27) 2,4-Dimethylphenol	9.839	122	171354	65.963	ng		95
28) bis(2-Chloroethoxy)met...	10.080	93	356912	62.112	ng		98
29) 2,4-Dichlorophenol	10.309	162	222386	60.120	ng		98
30) 1,2,4-Trichlorobenzene	10.526	180	260020	60.927	ng		96
31) Naphthalene	10.714	128	822262	60.577	ng		100
32) Benzoic acid	9.998	122	123041m	60.752	ng		
33) 4-Chloroaniline	10.820	127	327791	63.028	ng		98
34) Hexachlorobutadiene	11.008	225	168124	61.860	ng		98
35) Caprolactam	11.596	113	88211	64.356	ng	#	87
36) 4-Chloro-3-methylphenol	11.942	107	280867	67.549	ng		96
37) 2-Methylnaphthalene	12.324	142	576152	60.910	ng		97
38) 1-Methylnaphthalene	12.542	142	568117	60.700	ng		98
40) 1,2,4,5-Tetrachloroben...	12.694	216	312480	60.128	ng		99
41) Hexachlorocyclopentadiene	12.677	237	94660	67.515	ng		97
43) 2,4,6-Trichlorophenol	12.929	196	189998	60.744	ng		96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.000	196	210399	60.147	ng	99
46) 1,1'-Biphenyl	13.335	154	802583	59.815	ng	99
47) 2-Chloronaphthalene	13.376	162	593051	60.641	ng	99
48) 2-Nitroaniline	13.570	65	182283	62.611	ng	97
49) Acenaphthylene	14.222	152	930841	61.278	ng	98
50) Dimethylphthalate	13.964	163	783436	67.047	ng	100
51) 2,6-Dinitrotoluene	14.075	165	152056	63.145	ng	94
52) Acenaphthene	14.563	154	632929	62.116	ng	99
53) 3-Nitroaniline	14.398	138	167231	62.722	ng	97
54) 2,4-Dinitrophenol	14.598	184	39871	62.434	ng	92
55) Dibenzofuran	14.898	168	1003321	60.642	ng	99
56) 4-Nitrophenol	14.704	139	136955	62.644	ng	96
57) 2,4-Dinitrotoluene	14.857	165	201113	63.391	ng	96
58) Fluorene	15.550	166	779617	60.965	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.121	232	211433	62.032	ng	99
60) Diethylphthalate	15.332	149	855011	69.016	ng	99
61) 4-Chlorophenyl-phenyle...	15.544	204	383040	59.698	ng	99
62) 4-Nitroaniline	15.562	138	182391	64.513	ng	100
63) Azobenzene	15.838	77	907582	62.025	ng	98
65) 4,6-Dinitro-2-methylph...	15.620	198	72237	61.552	ng	98
66) n-Nitrosodiphenylamine	15.756	169	684639	60.425	ng	99
67) 4-Bromophenyl-phenylether	16.437	248	251976	61.948	ng	97
68) Hexachlorobenzene	16.549	284	288527	60.335	ng	97
69) Atrazine	16.707	200	249333	66.127	ng	99
70) Pentachlorophenol	16.889	266	185974	61.748	ng	93
71) Phenanthrene	17.283	178	1282139	59.736	ng	99
72) Anthracene	17.371	178	1299536	60.509	ng	100
73) Carbazole	17.636	167	1218549	60.610	ng	98
74) Di-n-butylphthalate	18.217	149	1478726	70.560	ng	100
75) Fluoranthene	19.293	202	1569777	60.062	ng	98
77) Benzidine	19.475	184	564174	60.541	ng	97
78) Pyrene	19.651	202	1634287	60.492	ng	99
80) Butylbenzylphthalate	20.556	149	597125	61.527	ng	99
81) Benzo(a)anthracene	21.455	228	1676709	60.346	ng	99
82) 3,3'-Dichlorobenzidine	21.378	252	577836	66.780	ng	98
83) Chrysene	21.519	228	1670874	60.428	ng	98
84) Bis(2-ethylhexyl)phtha...	21.396	149	941531	60.915	ng	98
85) Di-n-octyl phthalate	22.553	149	1552170	60.567	ng	98
87) Indeno(1,2,3-cd)pyrene	27.918	276	1863733	63.528	ng	98
88) Benzo(b)fluoranthene	23.546	252	1647154	61.512	ng	99
89) Benzo(k)fluoranthene	23.611	252	1697188	61.726	ng	99
90) Benzo(a)pyrene	24.357	252	1510463	63.195	ng	99
91) Dibenzo(a,h)anthracene	27.982	278	1565343	63.190	ng	96
92) Benzo(g,h,i)perylene	28.981	276	1565587	62.604	ng	98

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

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