Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120524\
Data File : BG063584.D
Acq On : 5 Dec 2024 15:51
Operator : RC/JU
Sample : SSTDICC050
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDICC050

Quant Time: Dec 06 01:01:20 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG120524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 06 00:51:14 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.824	152	86359	20.000	ng		0.00
21) Naphthalene-d8	10.614	136	353497	20.000	ng	#	0.00
39) Acenaphthene-d10	14.463	164	298074	20.000	ng		0.00
64) Phenanthrene-d10	17.218	188	823730	20.000	ng		0.00
76) Chrysene-d12	21.478	240	835043	20.000	ng	#	0.00
86) Perylene-d12	24.510	264	894852	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.415	112	493985	102.839	ng		0.00
7) Phenol-d6	7.001	99	761638	101.659	ng		0.00
23) Nitrobenzene-d5	8.981	82	908623	100.586	ng		0.00
42) 2,4,6-Tribromophenol	15.967	330	425146	98.269	ng		0.00
45) 2-Fluorobiphenyl	13.082	172	1916833	99.343	ng		0.00
79) Terphenyl-d14	19.851	244	3949712	95.551	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.317	88	94295	45.277	ng		96
3) Pyridine	3.711	79	293081m	49.975	ng		
4) n-Nitrosodimethylamine	3.629	42	155618	52.478	ng		97
6) Aniline	7.154	93	275728	44.132	ng		97
8) 2-Chlorophenol	7.395	128	242934	50.528	ng		94
9) Benzaldehyde	6.960	77	178789	37.000	ng		90
10) Phenol	7.030	94	410441	51.316	ng		94
11) bis(2-Chloroethyl)ether	7.248	93	278408	49.463	ng		94
12) 1,3-Dichlorobenzene	7.712	146	281301	48.369	ng		99
13) 1,4-Dichlorobenzene	7.859	146	291662	48.436	ng		97
14) 1,2-Dichlorobenzene	8.176	146	284002	47.930	ng		96
15) Benzyl Alcohol	8.065	79	344766	52.572	ng		96
16) 2,2'-oxybis(1-Chloropr...	8.352	45	330233	50.837	ng		99
17) 2-Methylphenol	8.270	107	265805	51.827	ng		97
18) Hexachloroethane	8.893	117	117558	47.960	ng		96
19) n-Nitroso-di-n-propyla...	8.629	70	296685	51.526	ng		97
20) 3+4-Methylphenols	8.599	107	367164	51.815	ng		96
22) Acetophenone	8.640	105	518664	48.835	ng	#	94
24) Nitrobenzene	9.022	77	493655	50.797	ng		97
25) Isophorone	9.539	82	808937	50.450	ng		98
26) 2-Nitrophenol	9.727	139	137610	48.477	ng	#	84
27) 2,4-Dimethylphenol	9.792	122	183147	50.306	ng		93
28) bis(2-Chloroethoxy)met...	10.027	93	399736	50.065	ng		97
29) 2,4-Dichlorophenol	10.268	162	303749	49.912	ng		98
30) 1,2,4-Trichlorobenzene	10.479	180	371975	47.619	ng		98
31) Naphthalene	10.661	128	865639	48.391	ng		98
32) Benzoic acid	9.998	122	118614m	51.190	ng		
33) 4-Chloroaniline	10.779	127	271227	49.811	ng		94
34) Hexachlorobutadiene	10.949	225	319779	47.082	ng		96
35) Caprolactam	11.560	113	91626	48.044	ng		91
36) 4-Chloro-3-methylphenol	11.913	107	372484	50.177	ng		99
37) 2-Methylnaphthalene	12.277	142	660608	48.448	ng		95
38) 1-Methylnaphthalene	12.495	142	663269	48.674	ng		95
40) 1,2,4,5-Tetrachloroben...	12.653	216	556026	48.685	ng		95
41) Hexachlorocyclopentadiene	12.630	237	149226	57.073	ng		95
43) 2,4,6-Trichlorophenol	12.894	196	311652	52.586	ng		97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.971	196	367596	53.058	ng		99
46) 1,1'-Biphenyl	13.294	154	964171	50.160	ng		98
47) 2-Chloronaphthalene	13.335	162	791342	50.040	ng		99
48) 2-Nitroaniline	13.546	65	270264	54.531	ng		95
49) Acenaphthylene	14.187	152	1178259	50.992	ng		98
50) Dimethylphthalate	13.928	163	1074936	50.429	ng		99
51) 2,6-Dinitrotoluene	14.046	165	228515	52.070	ng		98
52) Acenaphthene	14.533	154	734056	50.607	ng		96
53) 3-Nitroaniline	14.381	138	183073	51.020	ng		96
54) 2,4-Dinitrophenol	14.592	184	135667	50.268	ng	#	83
55) Dibenzofuran	14.868	168	1318003	49.201	ng		97
56) 4-Nitrophenol	14.704	139	151807	55.901	ng		90
57) 2,4-Dinitrotoluene	14.845	165	333265	52.002	ng	#	96
58) Fluorene	15.520	166	1041295	48.377	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.097	232	343365	50.573	ng		97
60) Diethylphthalate	15.291	149	1051082	50.442	ng		99
61) 4-Chlorophenyl-phenyle...	15.509	204	686410	47.930	ng		96
62) 4-Nitroaniline	15.550	138	214447	52.968	ng		97
63) Azobenzene	15.808	77	1358510	51.280	ng		99
65) 4,6-Dinitro-2-methylph...	15.609	198	233115	54.233	ng		96
66) n-Nitrosodiphenylamine	15.732	169	918435	49.063	ng		96
67) 4-Bromophenyl-phenylether	16.408	248	479324	48.507	ng		97
68) Hexachlorobenzene	16.531	284	515402	48.343	ng		95
69) Atrazine	16.684	200	388249	53.817	ng		98
70) Pentachlorophenol	16.878	266	245340m	53.077	ng		
71) Phenanthrene	17.260	178	1884401	48.765	ng		98
72) Anthracene	17.354	178	1860752	48.994	ng		99
73) Carbazole	17.624	167	1644111	49.797	ng		98
74) Di-n-butylphthalate	18.188	149	1659555	49.783	ng		100
75) Fluoranthene	19.287	202	2438760	44.869	ng		98
77) Benzidine	19.469	184	129485	14.478	ng		95
78) Pyrene	19.651	202	2500187	48.086	ng		99
80) Butylbenzylphthalate	20.544	149	575469	52.506	ng		100
81) Benzo(a)anthracene	21.461	228	2584202	48.712	ng		98
82) 3,3'-Dichlorobenzidine	21.378	252	771216	48.606	ng		94
83) Chrysene	21.525	228	2494697	49.430	ng		98
84) Bis(2-ethylhexyl)phtha...	21.372	149	846699	51.045	ng		98
85) Di-n-octyl phthalate	22.518	149	1516955	52.538	ng		100
87) Indeno(1,2,3-cd)pyrene	27.947	276	2910091	49.640	ng		99
88) Benzo(b)fluoranthene	23.558	252	2770269	49.616	ng		99
89) Benzo(k)fluoranthene	23.623	252	2689779	49.806	ng		100
90) Benzo(a)pyrene	24.369	252	2375653	49.507	ng		95
91) Dibenzo(a,h)anthracene	28.000	278	2403106	49.727	ng		99
92) Benzo(g,h,i)perylene	29.022	276	2529543	51.410	ng		98

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

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