Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120524\
Data File : BG063585.D
Acq On : 5 Dec 2024 16:29
Operator : RC/JU
Sample : SSTDICC060
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDICC060

Quant Time: Dec 06 01:03:45 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	92609	20.000	ng		0.00
21) Naphthalene-d8	10.614	136	361554	20.000	ng	#	0.00
39) Acenaphthene-d10	14.469	164	312050	20.000	ng		0.00
64) Phenanthrene-d10	17.218	188	783439	20.000	ng		0.00
76) Chrysene-d12	21.478	240	887765	20.000	ng	#	0.00
86) Perylene-d12	24.510	264	959053	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.415	112	633312	122.947	ng		0.00
7) Phenol-d6	7.007	99	991837	123.451	ng		0.00
23) Nitrobenzene-d5	8.981	82	1174672	127.140	ng		0.00
42) 2,4,6-Tribromophenol	15.967	330	536687	118.495	ng		0.00
45) 2-Fluorobiphenyl	13.082	172	2351071	116.391	ng		0.00
79) Terphenyl-d14	19.851	244	4678238	106.454	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.317	88	125615	56.246	ng		94
3) Pyridine	3.711	79	378144m	60.128	ng		
4) n-Nitrosodimethylamine	3.629	42	198099	62.296	ng		95
6) Aniline	7.154	93	297132	44.348	ng		94
8) 2-Chlorophenol	7.389	128	314298	60.959	ng		95
10) Phenol	7.036	94	535531	62.437	ng		98
11) bis(2-Chloroethyl)ether	7.248	93	359388	59.541	ng		97
12) 1,3-Dichlorobenzene	7.712	146	359500	57.644	ng		96
13) 1,4-Dichlorobenzene	7.859	146	370961	57.447	ng		99
14) 1,2-Dichlorobenzene	8.176	146	360348	56.710	ng		94
15) Benzyl Alcohol	8.065	79	442848	62.971	ng		93
16) 2,2'-oxybis(1-Chloropr...	8.358	45	434758	62.411	ng		91
17) 2-Methylphenol	8.276	107	333020	60.551	ng		95
18) Hexachloroethane	8.899	117	152896	58.167	ng		96
19) n-Nitroso-di-n-propyla...	8.629	70	378103	61.234	ng		99
20) 3+4-Methylphenols	8.599	107	459814	60.511	ng		97
22) Acetophenone	8.640	105	664453	61.168	ng	#	95
24) Nitrobenzene	9.022	77	635000	63.885	ng		97
25) Isophorone	9.545	82	1022965	62.376	ng		99
26) 2-Nitrophenol	9.727	139	182752	62.945	ng		93
27) 2,4-Dimethylphenol	9.798	122	236471	63.505	ng		93
28) bis(2-Chloroethoxy)met...	10.027	93	507236	62.113	ng		98
29) 2,4-Dichlorophenol	10.268	162	394596	63.396	ng		98
30) 1,2,4-Trichlorobenzene	10.479	180	461402	57.751	ng		98
31) Naphthalene	10.661	128	1092575	59.716	ng		98
32) Benzoic acid	9.998	122	165784m	62.969	ng		
33) 4-Chloroaniline	10.779	127	295482	53.056	ng		98
34) Hexachlorobutadiene	10.949	225	388092	55.866	ng		96
35) Caprolactam	11.572	113	121125m	62.096	ng		
36) 4-Chloro-3-methylphenol	11.913	107	480780	63.322	ng		96
37) 2-Methylnaphthalene	12.277	142	832958	59.726	ng		94
38) 1-Methylnaphthalene	12.500	142	825223	59.209	ng		99
40) 1,2,4,5-Tetrachloroben...	12.653	216	701942	58.708	ng		99
41) Hexachlorocyclopentadiene	12.630	237	183622	67.083	ng		98
43) 2,4,6-Trichlorophenol	12.894	196	389223	62.733	ng		95
44) 2,4,5-Trichlorophenol	12.971	196	451938	62.310	ng		96

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
46) 1,1'-Biphenyl	13.294	154	1194711	59.370	ng		96
47) 2-Chloronaphthalene	13.341	162	1002417	60.548	ng		97
48) 2-Nitroaniline	13.546	65	365690	70.480	ng		98
49) Acenaphthylene	14.187	152	1462928	60.476	ng		98
50) Dimethylphthalate	13.928	163	1349973	60.495	ng		100
51) 2,6-Dinitrotoluene	14.046	165	294892	64.186	ng		97
52) Acenaphthene	14.533	154	916359	60.346	ng		98
53) 3-Nitroaniline	14.381	138	234779	62.500	ng		100
54) 2,4-Dinitrophenol	14.592	184	181009	62.221	ng	#	73
55) Dibenzofuran	14.868	168	1652890	58.938	ng		99
56) 4-Nitrophenol	14.704	139	197240	69.378	ng	#	82
57) 2,4-Dinitrotoluene	14.845	165	417447	62.220	ng	#	87
58) Fluorene	15.520	166	1323949	58.753	ng		97
59) 2,3,4,6-Tetrachlorophenol	15.103	232	439728	61.865	ng		95
60) Diethylphthalate	15.297	149	1322312	60.616	ng		99
61) 4-Chlorophenyl-phenyle...	15.509	204	878084	58.568	ng		98
62) 4-Nitroaniline	15.556	138	288252	68.008	ng		94
63) Azobenzene	15.808	77	1700105	61.300	ng		98
65) 4,6-Dinitro-2-methylph...	15.614	198	292651	71.586	ng		98
66) n-Nitrosodiphenylamine	15.732	169	1186134	66.622	ng		97
67) 4-Bromophenyl-phenylether	16.408	248	616998	65.651	ng		97
68) Hexachlorobenzene	16.531	284	645629	63.673	ng		92
69) Atrazine	16.684	200	496565	72.371	ng		94
70) Pentachlorophenol	16.878	266	300930	68.452	ng		94
71) Phenanthrene	17.265	178	2211400	60.170	ng		97
72) Anthracene	17.354	178	2184059	60.465	ng		98
73) Carbazole	17.630	167	1915884	61.013	ng		100
74) Di-n-butylphthalate	18.188	149	1939948	61.188	ng		99
75) Fluoranthene	19.287	202	3118542	60.326	ng		95
77) Benzidine	19.469	184	334782	35.210	ng		96
78) Pyrene	19.651	202	3238240	58.583	ng		98
80) Butylbenzylphthalate	20.544	149	769890	66.073	ng		95
81) Benzo(a)anthracene	21.461	228	3314713	58.772	ng		96
82) 3,3'-Dichlorobenzidine	21.384	252	1009982	59.874	ng		99
83) Chrysene	21.525	228	3178959	59.247	ng		96
84) Bis(2-ethylhexyl)phtha...	21.372	149	1144989	64.928	ng		97
85) Di-n-octyl phthalate	22.518	149	1991375	64.873	ng		99
87) Indeno(1,2,3-cd)pyrene	27.947	276	3831120	60.976	ng	#	97
88) Benzo(b)fluoranthene	23.558	252	3431220	57.340	ng		99
89) Benzo(k)fluoranthene	23.623	252	3356578	57.992	ng		98
90) Benzo(a)pyrene	24.375	252	3091547	60.113	ng		96
91) Dibenzo(a,h)anthracene	28.006	278	3149854	60.816	ng		97
92) Benzo(g,h,i)perylene	29.028	276	3177038	60.248	ng		98

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

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