Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111622\
Data File : BG055646.D
Acq On : 16 Nov 2022 14:09
Operator : CG/JU
Sample : SSTDICC050
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDICC050

Quant Time: Nov 16 15:43:34 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 16 15:38:40 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.252	152	42444	20.000	ng		0.00
21) Naphthalene-d8	11.084	136	175693	20.000	ng		0.00
39) Acenaphthene-d10	14.880	164	125263	20.000	ng		0.00
64) Phenanthrene-d10	17.618	188	284806	20.000	ng		0.00
76) Chrysene-d12	21.919	240	271135	20.000	ng		0.00
86) Perylene-d12	25.326	264	296682	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.779	112	223496	100.058	ng		0.00
7) Phenol-d6	7.395	99	306068	99.494	ng		0.00
23) Nitrobenzene-d5	9.427	82	323951	121.821	ng		0.00
42) 2,4,6-Tribromophenol	16.361	330	170239	131.844	ng		0.00
45) 2-Fluorobiphenyl	13.505	172	808224	97.014	ng		0.00
79) Terphenyl-d14	20.203	244	1268991	93.601	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.617	88	46107	41.522	ng		99
3) Pyridine	4.028	79	149909	47.947	ng		99
4) n-Nitrosodimethylamine	3.940	42	78451	46.080	ng		94
6) Aniline	7.571	93	194183	47.716	ng		99
8) 2-Chlorophenol	7.812	128	131940	52.444	ng		98
9) Benzaldehyde	7.383	77	93171	39.017	ng		94
10) Phenol	7.418	94	171008	48.383	ng		98
11) bis(2-Chloroethyl)ether	7.659	93	130385	46.042	ng		99
12) 1,3-Dichlorobenzene	8.141	146	151041	48.452	ng		97
13) 1,4-Dichlorobenzene	8.288	146	153087	48.543	ng		99
14) 1,2-Dichlorobenzene	8.611	146	145712	48.564	ng		98
15) Benzyl Alcohol	8.487	79	128194	48.268	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.775	45	239289	44.354	ng		99
17) 2-Methylphenol	8.681	107	122860	49.348	ng		97
18) Hexachloroethane	9.351	117	53212	50.493	ng		99
19) n-Nitroso-di-n-propyla...	9.057	70	117038	46.319	ng		98
20) 3+4-Methylphenols	9.016	107	170891	49.289	ng		97
22) Acetophenone	9.081	105	219420	46.884	ng	#	98
24) Nitrobenzene	9.469	77	168238	55.602	ng		98
25) Isophorone	9.992	82	307449	46.600	ng		99
26) 2-Nitrophenol	10.185	139	80459	84.425	ng		95
27) 2,4-Dimethylphenol	10.232	122	120024	50.521	ng		96
28) bis(2-Chloroethoxy)met...	10.467	93	164089	46.216	ng		98
29) 2,4-Dichlorophenol	10.720	162	147123	55.724	ng		99
30) 1,2,4-Trichlorobenzene	10.943	180	165397	50.535	ng		98
31) Naphthalene	11.137	128	459717	48.297	ng		99
32) Benzoic acid	10.362	122	100226	69.159	ng		97
33) 4-Chloroaniline	11.231	127	191770	48.202	ng		99
34) Hexachlorobutadiene	11.413	225	114038	51.979	ng		97
35) Caprolactam	12.013	113	46398	51.283	ng		96
36) 4-Chloro-3-methylphenol	12.330	107	158094	51.251	ng		97
37) 2-Methylnaphthalene	12.724	142	346416	48.318	ng		98
38) 1-Methylnaphthalene	12.941	142	335869	47.922	ng		99
40) 1,2,4,5-Tetrachloroben...	13.082	216	194312	51.611	ng		100
41) Hexachlorocyclopentadiene	13.064	237	106699	64.364	ng		97
43) 2,4,6-Trichlorophenol	13.311	196	135123	59.836	ng		98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.388	196	145522	56.539	ng	98
46) 1,1'-Biphenyl	13.717	154	445613	48.569	ng	99
47) 2-Chloronaphthalene	13.764	162	347528	48.922	ng	99
48) 2-Nitroaniline	13.957	65	114671	72.466	ng	96
49) Acenaphthylene	14.604	152	563592	47.958	ng	99
50) Dimethylphthalate	14.322	163	472352	49.308	ng	99
51) 2,6-Dinitrotoluene	14.439	165	100725	68.908	ng	99
52) Acenaphthene	14.939	154	372107	50.414	ng	99
53) 3-Nitroaniline	14.774	138	108077	59.247	ng	97
54) 2,4-Dinitrophenol	14.974	184	58752	84.017	ng	100
55) Dibenzofuran	15.274	168	561719	47.818	ng	98
56) 4-Nitrophenol	15.062	139	84743	57.027	ng	98
57) 2,4-Dinitrotoluene	15.227	165	140651	72.370	ng	94
58) Fluorene	15.920	166	441217	47.137	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.491	232	140187	58.488	ng	99
60) Diethylphthalate	15.673	149	469805	48.250	ng	100
61) 4-Chlorophenyl-phenyle...	15.902	204	245377	49.103	ng	98
62) 4-Nitroaniline	15.932	138	108483	55.794	ng	96
63) Azobenzene	16.196	77	415774	44.453	ng	99
65) 4,6-Dinitro-2-methylph...	15.985	198	84007	83.345	ng	98
66) n-Nitrosodiphenylamine	16.120	169	387425	48.734	ng	99
67) 4-Bromophenyl-phenylether	16.795	248	163811	55.467	ng	99
68) Hexachlorobenzene	16.919	284	177751	51.219	ng	100
69) Atrazine	17.054	200	144812	50.040	ng	99
70) Pentachlorophenol	17.259	266	114214	58.386	ng	99
71) Phenanthrene	17.659	178	737417	48.126	ng	99
72) Anthracene	17.753	178	713848	47.656	ng	100
73) Carbazole	18.012	167	629056	46.466	ng	99
74) Di-n-butylphthalate	18.558	149	781144	50.135	ng	100
75) Fluoranthene	19.657	202	862519	47.094	ng	100
77) Benzidine	19.827	184	272325	37.983	ng	99
78) Pyrene	20.015	202	870478	47.267	ng	99
80) Butylbenzylphthalate	20.885	149	356156	57.230	ng	99
81) Benzo(a)anthracene	21.895	228	897251	48.233	ng	99
82) 3,3'-Dichlorobenzidine	21.801	252	311735	50.919	ng	100
83) Chrysene	21.966	228	855816	48.337	ng	99
84) Bis(2-ethylhexyl)phtha...	21.778	149	507187	54.449	ng	100
85) Di-n-octyl phthalate	23.053	149	869805	53.566	ng	99
87) Indeno(1,2,3-cd)pyrene	29.263	276	1109206	48.583	ng	99
88) Benzo(b)fluoranthene	24.240	252	918507	48.507	ng	100
89) Benzo(k)fluoranthene	24.316	252	909645	47.221	ng	99
90) Benzo(a)pyrene	25.168	252	780800	47.969	ng	100
91) Dibenzo(a,h)anthracene	29.334	278	912520	48.406	ng	99
92) Benzo(g,h,i)perylene	30.503	276	907580	49.008	ng	100

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

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