Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100322\
Data File : BG055055.D
Acq On : 3 Oct 2022 22:27
Operator : CG/JU
Sample : SSTDICV040
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
ICVBG100322

Quant Time: Oct 04 06:55:47 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 04 06:09:28 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.341	152	25814	20.000	ng		0.00
21) Naphthalene-d8	11.173	136	116867	20.000	ng		0.00
39) Acenaphthene-d10	14.951	164	86615	20.000	ng		0.00
64) Phenanthrene-d10	17.683	188	204445	20.000	ng		0.00
76) Chrysene-d12	21.978	240	194884	20.000	ng		0.00
86) Perylene-d12	25.432	264	212658	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.855	112	104523	89.936	ng		0.00
7) Phenol-d6	7.465	99	158841	91.218	ng		0.00
23) Nitrobenzene-d5	9.510	82	172781	88.343	ng		0.00
42) 2,4,6-Tribromophenol	16.419	330	76502	87.174	ng		0.00
45) 2-Fluorobiphenyl	13.582	172	446781	80.527	ng		0.00
79) Terphenyl-d14	20.256	244	781356	81.036	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.693	88	24310	36.969	ng		98
3) Pyridine	4.104	79	78430	40.650	ng		98
4) n-Nitrosodimethylamine	4.010	42	43906	38.826	ng		99
6) Aniline	7.653	93	106385	41.755	ng		98
8) 2-Chlorophenol	7.894	128	61783	46.217	ng		99
9) Benzaldehyde	7.465	77	55305	39.535	ng		95
10) Phenol	7.495	94	88563	44.756	ng		96
11) bis(2-Chloroethyl)ether	7.741	93	64845	39.982	ng		94
12) 1,3-Dichlorobenzene	8.229	146	75111	40.820	ng		98
13) 1,4-Dichlorobenzene	8.376	146	76459	41.060	ng		99
14) 1,2-Dichlorobenzene	8.699	146	72615	40.137	ng		97
15) Benzyl Alcohol	8.570	79	72010	46.040	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.864	45	119319	38.840	ng		100
17) 2-Methylphenol	8.764	107	63362	45.448	ng		94
18) Hexachloroethane	9.439	117	25487	43.164	ng		96
19) n-Nitroso-di-n-propyla...	9.146	70	69568	41.243	ng		98
20) 3+4-Methylphenols	9.093	107	89003	45.841	ng		98
22) Acetophenone	9.169	105	120404	40.627	ng	#	98
24) Nitrobenzene	9.557	77	92018	43.330	ng		93
25) Isophorone	10.080	82	176619	42.490	ng		99
26) 2-Nitrophenol	10.268	139	31733	51.178	ng		92
27) 2,4-Dimethylphenol	10.309	122	64821	42.695	ng		96
28) bis(2-Chloroethoxy)met...	10.556	93	87477	41.127	ng		99
29) 2,4-Dichlorophenol	10.802	162	72357	42.066	ng		96
30) 1,2,4-Trichlorobenzene	11.032	180	82147	40.248	ng		96
31) Naphthalene	11.225	128	248435	40.278	ng		100
32) Benzoic acid	10.421	122	42463	46.751	ng		94
33) 4-Chloroaniline	11.320	127	106049	41.580	ng		99
34) Hexachlorobutadiene	11.502	225	53908	40.733	ng		95
35) Caprolactam	12.077	113	26246	47.347	ng		91
36) 4-Chloro-3-methylphenol	12.406	107	84337	42.718	ng		93
37) 2-Methylnaphthalene	12.800	142	183836	40.444	ng		99
38) 1-Methylnaphthalene	13.018	142	178490	40.370	ng		98
40) 1,2,4,5-Tetrachloroben...	13.159	216	101574	40.164	ng		100
41) Hexachlorocyclopentadiene	13.141	237	47206	43.348	ng		97
43) 2,4,6-Trichlorophenol	13.388	196	67605	44.282	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.452	196	74208	43.064	ng		99
46) 1,1'-Biphenyl	13.787	154	241099	40.598	ng		99
47) 2-Chloronaphthalene	13.840	162	193330	40.400	ng		99
48) 2-Nitroaniline	14.022	65	57729	43.310	ng		99
49) Acenaphthylene	14.674	152	319943	40.375	ng		99
50) Dimethylphthalate	14.392	163	264093	44.923	ng		99
51) 2,6-Dinitrotoluene	14.510	165	49591	41.679	ng		93
52) Acenaphthene	15.009	154	196821	40.002	ng		98
53) 3-Nitroaniline	14.839	138	57535	41.483	ng	#	98
54) 2,4-Dinitrophenol	15.033	184	24274	44.423	ng		90
55) Dibenzofuran	15.344	168	316501	40.318	ng		100
56) 4-Nitrophenol	15.115	139	44488	43.641	ng		97
57) 2,4-Dinitrotoluene	15.285	165	68370	42.071	ng		98
58) Fluorene	15.985	166	252852	40.251	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.556	232	69997	44.004	ng		100
60) Diethylphthalate	15.744	149	271082	44.690	ng		100
61) 4-Chlorophenyl-phenyle...	15.973	204	137463	40.256	ng		99
62) 4-Nitroaniline	15.996	138	61495	43.483	ng		96
63) Azobenzene	16.267	77	262264	38.389	ng		99
65) 4,6-Dinitro-2-methylph...	16.043	198	34135	44.794	ng		95
66) n-Nitrosodiphenylamine	16.184	169	222175	41.728	ng		96
67) 4-Bromophenyl-phenylether	16.866	248	86485	39.999	ng		96
68) Hexachlorobenzene	16.983	284	102613	41.048	ng		99
69) Atrazine	17.119	200	81518	46.993	ng		97
70) Pentachlorophenol	17.324	266	59053	44.870	ng		97
71) Phenanthrene	17.724	178	434448	40.454	ng		99
72) Anthracene	17.818	178	422737	40.473	ng		99
73) Carbazole	18.076	167	379911	41.439	ng		100
74) Di-n-butylphthalate	18.617	149	446001	46.602	ng		100
75) Fluoranthene	19.710	202	532634	39.756	ng		99
77) Benzidine	19.874	184	161649	48.149	ng		98
78) Pyrene	20.068	202	531492	41.014	ng		99
80) Butylbenzylphthalate	20.944	149	178063	44.301	ng		99
81) Benzo(a)anthracene	21.960	228	513565	41.483	ng		99
82) 3,3'-Dichlorobenzidine	21.860	252	166234	46.189	ng		100
83) Chrysene	22.030	228	484165	40.577	ng		99
84) Bis(2-ethylhexyl)phtha...	21.848	149	261475	43.518	ng		99
85) Di-n-octyl phthalate	23.147	149	441595	43.785	ng		98
87) Indeno(1,2,3-cd)pyrene	29.422	276	639697	41.683	ng		99
88) Benzo(b)fluoranthene	24.328	252	523629	41.790	ng		99
89) Benzo(k)fluoranthene	24.404	252	518078	41.042	ng		100
90) Benzo(a)pyrene	25.268	252	443238	41.273	ng		98
91) Dibenzo(a,h)anthracene	29.492	278	520789	41.774	ng		98
92) Benzo(g,h,i)perylene	30.656	276	516889	41.303	ng		100

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

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