Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071222\
Data File : BG054253.D
Acq On : 12 Jul 2022 12:45
Operator : CG/JU
Sample : SSTDICCC040
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDICCC040

Quant Time: Jul 12 13:32:28 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG071222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 12 13:28:23 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.043	152	19760	20.000	ng		0.00
21) Naphthalene-d8	10.852	136	78014	20.000	ng	#	0.00
39) Acenaphthene-d10	14.671	164	62309	20.000	ng		0.00
64) Phenanthrene-d10	17.420	188	164379	20.000	ng	#	0.00
76) Chrysene-d12	21.692	240	191168	20.000	ng	#	0.00
86) Perylene-d12	24.929	264	203608	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.611	112	83487	80.779	ng		0.00
7) Phenol-d6	7.209	99	115394	82.304	ng		0.00
23) Nitrobenzene-d5	9.206	82	118545	85.392	ng		0.00
42) 2,4,6-Tribromophenol	16.163	330	99646	99.536	ng		0.00
45) 2-Fluorobiphenyl	13.296	172	352511	82.267	ng		0.00
79) Terphenyl-d14	20.023	244	772653	81.404	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.484	88	16095	35.624	ng		97
3) Pyridine	3.889	79	47121	39.084	ng		92
4) n-Nitrosodimethylamine	3.807	42	23211	43.768	ng	#	84
6) Aniline	7.367	93	66725	40.141	ng		98
8) 2-Chlorophenol	7.608	128	46650	42.273	ng		92
9) Benzaldehyde	7.179	77	28991	35.036	ng	#	76
10) Phenol	7.238	94	58489	41.163	ng		98
11) bis(2-Chloroethyl)ether	7.456	93	43567	39.947	ng		93
12) 1,3-Dichlorobenzene	7.931	146	56742	41.035	ng		92
13) 1,4-Dichlorobenzene	8.078	146	57332	41.275	ng		97
14) 1,2-Dichlorobenzene	8.402	146	54458	40.841	ng		95
15) Benzyl Alcohol	8.278	79	47313	45.151	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.566	45	57228	35.102	ng		96
17) 2-Methylphenol	8.490	107	41384	41.926	ng		95
18) Hexachloroethane	9.130	117	19943	43.280	ng	#	75
19) n-Nitroso-di-n-propyla...	8.848	70	38448	40.818	ng	#	91
20) 3+4-Methylphenols	8.819	107	57706	41.687	ng		98
22) Acetophenone	8.866	105	77826	41.041	ng	#	95
24) Nitrobenzene	9.248	77	58620	42.880	ng	#	91
25) Isophorone	9.771	82	106910	41.235	ng	#	95
26) 2-Nitrophenol	9.959	139	29179	48.325	ng	#	79
27) 2,4-Dimethylphenol	10.023	122	40173	41.106	ng		91
28) bis(2-Chloroethoxy)met...	10.246	93	54144	38.765	ng		98
29) 2,4-Dichlorophenol	10.505	162	58550	44.683	ng		88
30) 1,2,4-Trichlorobenzene	10.716	180	72022	44.390	ng	#	96
31) Naphthalene	10.904	128	160789	40.827	ng		98
32) Benzoic acid	10.182	122	16804	49.749	ng	#	80
33) 4-Chloroaniline	11.010	127	66754	40.857	ng		95
34) Hexachlorobutadiene	11.192	225	60393	48.415	ng		96
35) Caprolactam	11.774	113	16411	45.494	ng	#	78
36) 4-Chloro-3-methylphenol	12.132	107	55568	43.624	ng		88
37) 2-Methylnaphthalene	12.503	142	124019	42.562	ng		97
38) 1-Methylnaphthalene	12.726	142	120027	42.305	ng		100
40) 1,2,4,5-Tetrachloroben...	12.873	216	106084	44.185	ng	#	95
41) Hexachlorocyclopentadiene	12.855	237	26207	23.442	ng		91
43) 2,4,6-Trichlorophenol	13.114	196	60940	45.186	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.190	196	66189	43.954	ng	#	90
46) 1,1'-Biphenyl	13.507	154	174620	40.233	ng		97
47) 2-Chloronaphthalene	13.554	162	144237	41.064	ng		96
48) 2-Nitroaniline	13.754	65	41152	44.043	ng		89
49) Acenaphthylene	14.394	152	219705	40.225	ng		99
50) Dimethylphthalate	14.124	163	198288	41.786	ng	#	99
51) 2,6-Dinitrotoluene	14.242	165	44462	46.375	ng	#	80
52) Acenaphthene	14.735	154	131971	37.906	ng		97
53) 3-Nitroaniline	14.577	138	39012	42.000	ng		89
54) 2,4-Dinitrophenol	14.788	184	20380	46.744	ng	#	77
55) Dibenzofuran	15.070	168	233486	41.624	ng		94
56) 4-Nitrophenol	14.894	139	25303	38.369	ng		89
57) 2,4-Dinitrotoluene	15.035	165	63350	46.786	ng	#	85
58) Fluorene	15.722	166	191219	41.519	ng		95
59) 2,3,4,6-Tetrachlorophenol	15.299	232	66346	45.053	ng	#	88
60) Diethylphthalate	15.481	149	192716	41.935	ng		96
61) 4-Chlorophenyl-phenyle...	15.705	204	122322	44.363	ng	#	89
62) 4-Nitroaniline	15.734	138	40019	41.313	ng		87
63) Azobenzene	15.998	77	145685	39.383	ng		87
65) 4,6-Dinitro-2-methylph...	15.805	198	41239	50.286	ng		79
66) n-Nitrosodiphenylamine	15.922	169	171912	40.128	ng		95
67) 4-Bromophenyl-phenylether	16.604	248	91574	44.605	ng	#	91
68) Hexachlorobenzene	16.727	284	104075	44.317	ng	#	90
69) Atrazine	16.868	200	75806	42.715	ng		93
70) Pentachlorophenol	17.074	266	42140	38.629	ng		96
71) Phenanthrene	17.461	178	342369	40.539	ng		98
72) Anthracene	17.550	178	334203	40.524	ng		99
73) Carbazole	17.820	167	281598	39.781	ng		98
74) Di-n-butylphthalate	18.372	149	328733	40.165	ng	#	98
75) Fluoranthene	19.471	202	460946	41.577	ng		97
77) Benzidine	19.641	184	143907	36.350	ng		97
78) Pyrene	19.829	202	460486	39.883	ng		99
80) Butylbenzylphthalate	20.711	149	147206	39.776	ng	#	87
81) Benzo(a)anthracene	21.674	228	498299	40.258	ng		99
82) 3,3'-Dichlorobenzidine	21.580	252	155555	42.064	ng	#	95
83) Chrysene	21.739	228	472362	40.036	ng		99
84) Bis(2-ethylhexyl)phtha...	21.568	149	208404	39.373	ng	#	93
85) Di-n-octyl phthalate	22.785	149	363228	39.926	ng	#	93
87) Indeno(1,2,3-cd)pyrene	28.654	276	636755	41.441	ng	#	98
88) Benzo(b)fluoranthene	23.901	252	499569	40.353	ng	#	99
89) Benzo(k)fluoranthene	23.971	252	499062	40.716	ng	#	98
90) Benzo(a)pyrene	24.776	252	428377	41.011	ng		99
91) Dibenzo(a,h)anthracene	28.707	278	522576	41.129	ng	#	97
92) Benzo(g,h,i)perylene	29.806	276	519105	41.399	ng	#	93

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

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