Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG051223\
Data File : BG057407.D
Acq On : 12 May 2023 13:17
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Quant Time: May 13 03:24:09 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG042723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 12 22:04:03 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.363	152	16047	20.000	ng	0.00
21) Naphthalene-d8	11.201	136	66040	20.000	ng	0.00
39) Acenaphthene-d10	14.978	164	51124	20.000	ng	0.00
64) Phenanthrene-d10	17.721	188	122620	20.000	ng	0.00
76) Chrysene-d12	22.033	240	117773	20.000	ng	# 0.00
86) Perylene-d12	25.534	264	125840	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.879	112	74276	79.178	ng	0.00
7) Phenol-d6	7.506	99	113371	79.585	ng	0.00
23) Nitrobenzene-d5	9.544	82	116246	73.878	ng	0.00
42) 2,4,6-Tribromophenol	16.464	330	61939	85.386	ng	0.00
45) 2-Fluorobiphenyl	13.603	172	304530	80.225	ng	0.00
79) Terphenyl-d14	20.288	244	543967	75.375	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.682	88	15005	38.685	ng	93
3) Pyridine	4.104	79	48130	38.612	ng	95
4) n-Nitrosodimethylamine	4.010	42	21446	36.611	ng	89
6) Aniline	7.676	93	72096	39.895	ng	96
8) 2-Chlorophenol	7.923	128	39474	39.822	ng	96
9) Benzaldehyde	7.488	77	27605	35.809	ng	92
10) Phenol	7.535	94	54860	39.506	ng	97
11) bis(2-Chloroethyl)ether	7.764	93	40265	38.453	ng	96
12) 1,3-Dichlorobenzene	8.252	146	43375	39.647	ng	95
13) 1,4-Dichlorobenzene	8.399	146	44036	40.072	ng	99
14) 1,2-Dichlorobenzene	8.728	146	43150	40.674	ng	97
15) Benzyl Alcohol	8.598	79	45611	38.434	ng	96
16) 2,2'-oxybis(1-Chloropr...	8.886	45	46355	35.123	ng	96
17) 2-Methylphenol	8.804	107	40214	40.173	ng	96
18) Hexachloroethane	9.462	117	14937	37.665	ng	96
19) n-Nitroso-di-n-propyla...	9.168	70	41049	37.791	ng	98
20) 3+4-Methylphenols	9.133	107	55621	40.579	ng	97
22) Acetophenone	9.192	105	71921	38.050	ng	97
24) Nitrobenzene	9.585	77	58479	36.822	ng	97
25) Isophorone	10.102	82	114080	37.389	ng	100
26) 2-Nitrophenol	10.302	139	25138	41.352	ng	95
27) 2,4-Dimethylphenol	10.343	122	42247	39.689	ng	99
28) bis(2-Chloroethoxy)met...	10.578	93	58397	38.204	ng	98
29) 2,4-Dichlorophenol	10.842	162	46273	40.986	ng	93
30) 1,2,4-Trichlorobenzene	11.060	180	51929	39.879	ng	99
31) Naphthalene	11.254	128	138453	39.215	ng	99
32) Benzoic acid	10.490	122	22967	38.457	ng	90
33) 4-Chloroaniline	11.353	127	64485	40.671	ng	98
34) Hexachlorobutadiene	11.524	225	37562	38.875	ng	98
35) Caprolactam	12.129	113	15894	41.214	ng	92
36) 4-Chloro-3-methylphenol	12.452	107	53053	41.351	ng	98
37) 2-Methylnaphthalene	12.834	142	111131	40.034	ng	98
38) 1-Methylnaphthalene	13.051	142	103458	39.542	ng	97
40) 1,2,4,5-Tetrachloroben...	13.192	216	74589	41.097	ng	99
41) Hexachlorocyclopentadiene	13.163	237	29992	37.969	ng	100
43) 2,4,6-Trichlorophenol	13.427	196	46258	41.835	ng	96

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.504	196	52473	40.343	ng		100
46) 1,1'-Biphenyl	13.815	154	153301	40.411	ng		99
47) 2-Chloronaphthalene	13.868	162	113188	40.123	ng		99
48) 2-Nitroaniline	14.062	65	37558	39.156	ng		97
49) Acenaphthylene	14.708	152	184083	40.166	ng		100
50) Dimethylphthalate	14.414	163	164929	39.258	ng		99
51) 2,6-Dinitrotoluene	14.549	165	35944	41.904	ng		88
52) Acenaphthene	15.043	154	113026	39.466	ng		99
53) 3-Nitroaniline	14.884	138	34807	40.505	ng		90
54) 2,4-Dinitrophenol	15.095	184	19555	39.467	ng		94
55) Dibenzofuran	15.377	168	193284	40.169	ng		99
56) 4-Nitrophenol	15.184	139	23154	40.512	ng		94
57) 2,4-Dinitrotoluene	15.336	165	50527	41.217	ng		94
58) Fluorene	16.024	166	158658	40.030	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.601	232	47778	40.517	ng		99
60) Diethylphthalate	15.759	149	164647	38.591	ng		99
61) 4-Chlorophenyl-phenyle...	16.000	204	94938	39.761	ng		95
62) 4-Nitroaniline	16.041	138	35696	41.176	ng		100
63) Azobenzene	16.294	77	149388	36.290	ng		97
65) 4,6-Dinitro-2-methylph...	16.100	198	33122	45.243	ng		99
66) n-Nitrosodiphenylamine	16.212	169	137922	41.414	ng		98
67) 4-Bromophenyl-phenylether	16.893	248	64336	42.980	ng		97
68) Hexachlorobenzene	17.028	284	63144	43.409	ng		98
69) Atrazine	17.146	200	56131	44.183	ng		96
70) Pentachlorophenol	17.375	266	33956	40.504	ng		94
71) Phenanthrene	17.762	178	248179	39.498	ng		99
72) Anthracene	17.851	178	257244	39.900	ng		99
73) Carbazole	18.121	167	218130	40.189	ng		98
74) Di-n-butylphthalate	18.638	149	253923	40.661	ng		98
75) Fluoranthene	19.754	202	316341	40.480	ng		99
77) Benzidine	19.918	184	101683	38.619	ng		98
78) Pyrene	20.112	202	322505	37.684	ng		99
80) Butylbenzylphthalate	20.964	149	113230	41.699	ng		95
81) Benzo(a)anthracene	22.010	228	326607	38.924	ng		99
82) 3,3'-Dichlorobenzidine	21.904	252	107348	39.941	ng		98
83) Chrysene	22.080	228	308689	39.100	ng		100
84) Bis(2-ethylhexyl)phtha...	21.857	149	161571	40.216	ng		99
85) Di-n-octyl phthalate	23.149	149	272331	40.659	ng		97
87) Indeno(1,2,3-cd)pyrene	29.599	276	360584	39.316	ng	#	95
88) Benzo(b)fluoranthene	24.412	252	318619	38.733	ng		98
89) Benzo(k)fluoranthene	24.489	252	310942	37.198	ng		99
90) Benzo(a)pyrene	25.376	252	305056	37.958	ng		98
91) Dibenzo(a,h)anthracene	29.652	278	301037	39.414	ng		99
92) Benzo(g,h,i)perylene	30.874	276	292204	39.181	ng		98

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

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