Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042723\
Data File : BG057199.D
Acq On : 27 Apr 2023 18:09
Operator : CG/JU
Sample : SSTDICC005
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDICC005

Manual Integrations APPROVED
Reviewed By :Christian Giraldo 04/28/2023
Supervised By :Jagrut Upadhyay 04/28/2023

Quant Time: Apr 28 04:25:16 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG042723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 28 04:23:12 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.380	152	14445	20.000	ng		0.00
21) Naphthalene-d8	11.218	136	59142	20.000	ng	#	0.00
39) Acenaphthene-d10	14.995	164	47706	20.000	ng		0.00
64) Phenanthrene-d10	17.733	188	123751	20.000	ng		0.00
76) Chrysene-d12	22.038	240	113274	20.000	ng		0.00
86) Perylene-d12	25.551	264	113917	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.896	112	8942	10.589	ng		0.00
7) Phenol-d6	7.517	99	13341	10.404	ng		0.00
23) Nitrobenzene-d5	9.555	82	14133	10.030	ng		0.00
42) 2,4,6-Tribromophenol	16.475	330	6762	9.990	ng		0.00
45) 2-Fluorobiphenyl	13.615	172	38062	10.745	ng		0.00
79) Terphenyl-d14	20.294	244	74044	10.667	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.704	88	2056	5.889	ng		90
3) Pyridine	4.133	79	6009	5.355	ng		96
4) n-Nitrosodimethylamine	4.033	42	2669	5.062	ng	#	83
6) Aniline	7.693	93	8586	5.278	ng		95
8) 2-Chlorophenol	7.940	128	4731	5.302	ng		91
10) Phenol	7.546	94	6672	5.338	ng		97
11) bis(2-Chloroethyl)ether	7.781	93	5161	5.475	ng		90
12) 1,3-Dichlorobenzene	8.269	146	5335	5.417	ng		91
13) 1,4-Dichlorobenzene	8.416	146	5191	5.248	ng		93
14) 1,2-Dichlorobenzene	8.745	146	5377	5.631	ng		98
15) Benzyl Alcohol	8.615	79	5564	5.208	ng		94
16) 2,2'-oxybis(1-Chloropr...	8.903	45	6265	5.273	ng		97
17) 2-Methylphenol	8.815	107	4591	5.095	ng	#	79
18) Hexachloroethane	9.473	117	1901	5.325	ng		91
19) n-Nitroso-di-n-propyla...	9.179	70	5282	5.402	ng	#	91
20) 3+4-Methylphenols	9.138	107	6457	5.233	ng		92
22) Acetophenone	9.209	105	8871	5.241	ng	#	93
24) Nitrobenzene	9.596	77	7520	5.287	ng	#	96
25) Isophorone	10.119	82	14853	5.436	ng		98
26) 2-Nitrophenol	10.319	139	2599	4.774	ng	#	76
27) 2,4-Dimethylphenol	10.360	122	4824	5.060	ng		89
28) bis(2-Chloroethoxy)met...	10.595	93	7265	5.307	ng		98
29) 2,4-Dichlorophenol	10.865	162	5116	5.060	ng		90
30) 1,2,4-Trichlorobenzene	11.077	180	6057	5.194	ng		96
31) Naphthalene	11.271	128	16636	5.262	ng		97
33) 4-Chloroaniline	11.371	127	7161	5.043	ng		96
34) Hexachlorobutadiene	11.547	225	4548	5.256	ng		93
35) Caprolactam	12.117	113	1645	4.763	ng	#	82
36) 4-Chloro-3-methylphenol	12.463	107	5968	5.194	ng		97
37) 2-Methylnaphthalene	12.845	142	13004	5.231	ng		97
38) 1-Methylnaphthalene	13.062	142	12885	5.499	ng		99
40) 1,2,4,5-Tetrachloroben...	13.209	216	8801	5.197	ng		98
43) 2,4,6-Trichlorophenol	13.438	196	4877	4.727	ng		93
44) 2,4,5-Trichlorophenol	13.521	196	5810	4.787	ng	#	93
46) 1,1'-Biphenyl	13.826	154	18510	5.229	ng		96
47) 2-Chloronaphthalene	13.879	162	13730	5.216	ng		96

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
48) 2-Nitroaniline	14.073	65	4408	4.925	ng		96
49) Acenaphthylene	14.719	152	22301	5.215	ng		99
50) Dimethylphthalate	14.425	163	21468	5.476	ng		99
51) 2,6-Dinitrotoluene	14.554	165	3919	4.896	ng		94
52) Acenaphthene	15.054	154	13829	5.175	ng		91
53) 3-Nitroaniline	14.883	138	4240	5.288	ng		86
55) Dibenzofuran	15.383	168	23905	5.324	ng		95
56) 4-Nitrophenol	15.201	139	2101	3.939	ng		95
57) 2,4-Dinitrotoluene	15.342	165	5553	4.854	ng	#	96
58) Fluorene	16.029	166	19494	5.271	ng		93
59) 2,3,4,6-Tetrachlorophenol	15.612	232	5514	5.011	ng	#	93
60) Diethylphthalate	15.770	149	21129	5.307	ng		95
61) 4-Chlorophenyl-phenyle...	16.011	204	11697	5.250	ng		98
62) 4-Nitroaniline	16.041	138	4107	5.077	ng	#	87
63) Azobenzene	16.305	77	20240	5.269	ng		96
65) 4,6-Dinitro-2-methylph...	16.111	198	3122	4.226	ng		92
66) n-Nitrosodiphenylamine	16.223	169	17397	5.176	ng		96
67) 4-Bromophenyl-phenylether	16.904	248	7545	4.994	ng		88
68) Hexachlorobenzene	17.033	284	7619	5.190	ng		97
69) Atrazine	17.151	200	6961	5.429	ng		94
71) Phenanthrene	17.774	178	33102	5.220	ng		98
72) Anthracene	17.862	178	34560	5.311	ng		99
73) Carbazole	18.126	167	29265	5.343	ng		97
74) Di-n-butylphthalate	18.649	149	32054	5.086	ng		98
75) Fluoranthene	19.759	202	41851	5.306	ng		97
77) Benzidine	19.930	184	14176	5.598	ng		98
78) Pyrene	20.123	202	43083	5.234	ng		99
80) Butylbenzylphthalate	20.975	149	12017	4.601	ng		97
81) Benzo(a)anthracene	22.015	228	41949	5.198	ng		100
82) 3,3'-Dichlorobenzidine	21.915	252	12889	4.986	ng		93
83) Chrysene	22.091	228	39393	5.188	ng		98
84) Bis(2-ethylhexyl)phtha...	21.868	149	19254	4.983	ng		99
85) Di-n-octyl phthalate	23.166	149	31781	4.933	ng	#	94
87) Indeno(1,2,3-cd)pyrene	29.593	276	42913	5.169	ng	#	97
88) Benzo(b)fluoranthene	24.423	252	38625	5.187	ng		100
89) Benzo(k)fluoranthene	24.500	252	40173m	5.309	ng		
90) Benzo(a)pyrene	25.381	252	38939	5.352	ng		96
91) Dibenzo(a,h)anthracene	29.663	278	35240	5.097	ng		98
92) Benzo(g,h,i)perylene	30.862	276	34733	5.145	ng		98

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

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