Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG061223\
Data File : BG057685.D
Acq On : 12 Jun 2023 17:23
Operator : CG/JU
Sample : SSTDICC060
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Jun 13 01:55:28 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG061223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 13 01:42:42 2023
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTDICC060

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 06/13/2023
Supervised By :mohammad ahmed 06/13/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.948	152	32442	20.000	ng		0.00
21) Naphthalene-d8	10.750	136	124653	20.000	ng	#	0.00
39) Acenaphthene-d10	14.581	164	81932	20.000	ng		0.00
64) Phenanthrene-d10	17.325	188	197051	20.000	ng		0.00
76) Chrysene-d12	21.579	240	165259	20.000	ng		0.00
86) Perylene-d12	24.746	264	205895	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.515	112	241685	116.823	ng		0.00
7) Phenol-d6	7.102	99	338877	113.242	ng		0.00
23) Nitrobenzene-d5	9.111	82	285542	140.377	ng		0.00
42) 2,4,6-Tribromophenol	16.068	330	137708	137.800	ng		0.00
45) 2-Fluorobiphenyl	13.206	172	665005	117.587	ng		0.00
79) Terphenyl-d14	19.946	244	1024238	114.468	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.430	88	55681	56.532	ng		97
3) Pyridine	3.817	79	163618m	59.281	ng		
4) n-Nitrosodimethylamine	3.735	42	79671	59.612	ng		99
6) Aniline	7.272	93	215380	57.797	ng		100
8) 2-Chlorophenol	7.507	128	117412	58.300	ng		98
9) Benzaldehyde	7.084	77	89506	49.771	ng		97
10) Phenol	7.131	94	167891	57.154	ng		98
11) bis(2-Chloroethyl)ether	7.366	93	130111	58.721	ng		99
12) 1,3-Dichlorobenzene	7.836	146	126217	57.605	ng		96
13) 1,4-Dichlorobenzene	7.983	146	125188	57.260	ng		97
14) 1,2-Dichlorobenzene	8.300	146	119450	56.237	ng		98
15) Benzyl Alcohol	8.183	79	132076	59.546	ng		96
16) 2,2'-oxybis(1-Chloropr...	8.477	45	275358	57.004	ng		99
17) 2-Methylphenol	8.383	107	122708	58.053	ng		98
18) Hexachloroethane	9.029	117	45607	61.314	ng		97
19) n-Nitroso-di-n-propyla...	8.759	70	112975	57.238	ng		96
20) 3+4-Methylphenols	8.712	107	165556	57.827	ng		99
22) Acetophenone	8.770	105	209399	59.993	ng		97
24) Nitrobenzene	9.152	77	150039	71.570	ng		96
25) Isophorone	9.675	82	319700	60.271	ng		99
26) 2-Nitrophenol	9.857	139	46413	60.198	ng		96
27) 2,4-Dimethylphenol	9.916	122	118819	61.367	ng		96
28) bis(2-Chloroethoxy)met...	10.157	93	175595	62.278	ng		99
29) 2,4-Dichlorophenol	10.392	162	115072	64.179	ng		98
30) 1,2,4-Trichlorobenzene	10.609	180	133160	61.291	ng		97
31) Naphthalene	10.803	128	393955	59.258	ng		98
32) Benzoic acid	10.063	122	71769	61.581	ng		93
33) 4-Chloroaniline	10.903	127	178165	60.561	ng		98
34) Hexachlorobutadiene	11.085	225	84210	60.212	ng		98
35) Caprolactam	11.690	113	40511	66.608	ng	#	91
36) 4-Chloro-3-methylphenol	12.025	107	144486	62.191	ng		100
37) 2-Methylnaphthalene	12.407	142	283641	59.697	ng		98
38) 1-Methylnaphthalene	12.625	142	267016	59.666	ng		97
40) 1,2,4,5-Tetrachloroben...	12.772	216	147063	60.704	ng		100
41) Hexachlorocyclopentadiene	12.754	237	80144	68.681	ng		98
43) 2,4,6-Trichlorophenol	13.007	196	102355	68.011	ng		91

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.077	196	120304	67.057	ng		98
46) 1,1'-Biphenyl	13.418	154	348901	60.239	ng		97
47) 2-Chloronaphthalene	13.459	162	267588	60.583	ng		99
48) 2-Nitroaniline	13.659	65	90567	62.551	ng		94
49) Acenaphthylene	14.305	152	447479	60.253	ng		99
50) Dimethylphthalate	14.041	163	368628	60.954	ng		99
51) 2,6-Dinitrotoluene	14.152	165	69432	63.173	ng		97
52) Acenaphthene	14.646	154	273641	61.240	ng		98
53) 3-Nitroaniline	14.481	138	75952	63.178	ng		99
54) 2,4-Dinitrophenol	14.681	184	24243	62.456	ng		97
55) Dibenzofuran	14.981	168	443223	59.668	ng		99
56) 4-Nitrophenol	14.775	139	61046	63.049	ng		99
57) 2,4-Dinitrotoluene	14.940	165	90986	62.929	ng	#	97
58) Fluorene	15.627	166	342160	58.665	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.198	232	97047	67.525	ng		99
60) Diethylphthalate	15.404	149	380746	61.267	ng		99
61) 4-Chlorophenyl-phenyle...	15.621	204	188201	59.758	ng		98
62) 4-Nitroaniline	15.651	138	76974	62.993	ng		97
63) Azobenzene	15.915	77	392212	60.172	ng		99
65) 4,6-Dinitro-2-methylph...	15.698	198	40571	62.214	ng		98
66) n-Nitrosodiphenylamine	15.839	169	309679	59.148	ng		99
67) 4-Bromophenyl-phenylether	16.514	248	125595	60.209	ng		96
68) Hexachlorobenzene	16.626	284	126628	60.632	ng		98
69) Atrazine	16.785	200	108802	59.990	ng		97
70) Pentachlorophenol	16.967	266	94978	70.142	ng		97
71) Phenanthrene	17.366	178	560587	58.220	ng		99
72) Anthracene	17.460	178	576350	58.696	ng		99
73) Carbazole	17.725	167	534868	58.622	ng		99
74) Di-n-butylphthalate	18.295	149	667474	61.244	ng		100
75) Fluoranthene	19.376	202	682665	57.986	ng		97
77) Benzidine	19.558	184	251494	59.947	ng		98
78) Pyrene	19.740	202	696977	59.588	ng		99
80) Butylbenzylphthalate	20.633	149	280082	68.409	ng		99
81) Benzo(a)anthracene	21.561	228	683889	59.567	ng		98
82) 3,3'-Dichlorobenzidine	21.479	252	234276	61.626	ng		100
83) Chrysene	21.626	228	653039	59.967	ng		99
84) Bis(2-ethylhexyl)phtha...	21.485	149	398248	63.571	ng		99
85) Di-n-octyl phthalate	22.683	149	714205	67.503	ng		99
87) Indeno(1,2,3-cd)pyrene	28.359	276	821321	61.595	ng		99
88) Benzo(b)fluoranthene	23.747	252	678966	60.595	ng		99
89) Benzo(k)fluoranthene	23.812	252	683397	59.859	ng		100
90) Benzo(a)pyrene	24.599	252	668233	60.692	ng		100
91) Dibenzo(a,h)anthracene	28.441	278	676514	60.825	ng		100
92) Benzo(g,h,i)perylene	29.487	276	677468	61.693	ng		97

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

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