Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082522\
Data File : BG054734.D
Acq On : 25 Aug 2022 12:49
Operator : CG/JU
Sample : SSTDICC005
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Aug 25 16:01:46 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 25 16:00:11 2022
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTDICC005

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 08/26/2022
Supervised By :Jagrut Upadhyay 08/26/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.153	152	43819	20.000	ng		0.00
21) Naphthalene-d8	10.979	136	176364	20.000	ng		0.00
39) Acenaphthene-d10	14.786	164	118488	20.000	ng		0.00
64) Phenanthrene-d10	17.530	188	274440	20.000	ng		0.00
76) Chrysene-d12	21.825	240	274234	20.000	ng		0.00
86) Perylene-d12	25.197	264	281209	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.685	112	25997	11.180	ng		0.00
7) Phenol-d6	7.289	99	35288	10.830	ng		0.00
23) Nitrobenzene-d5	9.322	82	33469	10.815	ng		0.00
42) 2,4,6-Tribromophenol	16.273	330	14219	14.985	ng		0.00
45) 2-Fluorobiphenyl	13.411	172	82542	10.273	ng		0.00
79) Terphenyl-d14	20.133	244	147404	10.678	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.540	88	6859	5.737	ng		90
3) Pyridine	3.946	79	17187	5.135	ng		98
4) n-Nitrosodimethylamine	3.858	42	7695	5.248	ng	#	87
6) Aniline	7.465	93	20564	5.059	ng		98
8) 2-Chlorophenol	7.712	128	14150	5.713	ng		96
9) Benzaldehyde	7.283	77	12736	5.654	ng		94
10) Phenol	7.318	94	18135	5.373	ng		97
11) bis(2-Chloroethyl)ether	7.565	93	15099	5.234	ng		95
12) 1,3-Dichlorobenzene	8.041	146	16722	5.260	ng		98
13) 1,4-Dichlorobenzene	8.188	146	16848	5.259	ng		95
14) 1,2-Dichlorobenzene	8.511	146	16343	5.409	ng		98
15) Benzyl Alcohol	8.388	79	12105	5.331	ng		95
16) 2,2'-oxybis(1-Chloropr...	8.676	45	23326	5.212	ng		98
17) 2-Methylphenol	8.587	107	12076	5.307	ng		94
18) Hexachloroethane	9.251	117	6011	5.681	ng		91
19) n-Nitroso-di-n-propyla...	8.952	70	12366	5.394	ng	#	97
20) 3+4-Methylphenols	8.911	107	16647	5.480	ng		97
22) Acetophenone	8.981	105	22579	5.083	ng	#	99
24) Nitrobenzene	9.363	77	17182	5.400	ng		93
25) Isophorone	9.886	82	31192	5.288	ng		97
26) 2-Nitrophenol	10.080	139	6637	8.066	ng		92
27) 2,4-Dimethylphenol	10.127	122	11714	5.444	ng		95
28) bis(2-Chloroethoxy)met...	10.368	93	18279	5.246	ng		96
29) 2,4-Dichlorophenol	10.614	162	12573	5.446	ng		98
30) 1,2,4-Trichlorobenzene	10.832	180	15430	5.016	ng		96
31) Naphthalene	11.032	128	48654	5.126	ng		98
33) 4-Chloroaniline	11.132	127	18624	4.971	ng		96
34) Hexachlorobutadiene	11.308	225	9959	5.128	ng		98
35) Caprolactam	11.878	113	4643	6.442	ng	#	88
36) 4-Chloro-3-methylphenol	12.236	107	14425	5.880	ng	#	93
37) 2-Methylnaphthalene	12.624	142	33650	5.161	ng		98
38) 1-Methylnaphthalene	12.841	142	33555	5.321	ng		99
40) 1,2,4,5-Tetrachloroben...	12.982	216	18202	4.976	ng		98
41) Hexachlorocyclopentadiene	12.959	237	8413	5.533	ng		98
43) 2,4,6-Trichlorophenol	13.223	196	10986	5.716	ng		99
44) 2,4,5-Trichlorophenol	13.288	196	12566	5.777	ng		90

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
46) 1,1'-Biphenyl	13.623	154	45287	5.051	ng		100
47) 2-Chloronaphthalene	13.670	162	34630	5.063	ng		95
48) 2-Nitroaniline	13.864	65	9589	6.965	ng		97
49) Acenaphthylene	14.510	152	56420	5.075	ng		98
50) Dimethylphthalate	14.228	163	47334	5.933	ng		99
51) 2,6-Dinitrotoluene	14.351	165	8886	6.124	ng		96
52) Acenaphthene	14.851	154	35120	5.153	ng		99
53) 3-Nitroaniline	14.686	138	9633	5.757	ng		98
55) Dibenzofuran	15.180	168	54463	5.273	ng		96
56) 4-Nitrophenol	14.974	139	6948	5.586	ng		99
57) 2,4-Dinitrotoluene	15.133	165	11458	6.151	ng		95
58) Fluorene	15.832	166	45191	5.292	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.403	232	11688	6.454	ng	#	98
60) Diethylphthalate	15.585	149	46541	5.980	ng		99
61) 4-Chlorophenyl-phenyle...	15.820	204	21626	5.115	ng		96
62) 4-Nitroaniline	15.844	138	9519	5.220	ng		96
63) Azobenzene	16.108	77	45010	5.207	ng		99
65) 4,6-Dinitro-2-methylph...	15.891	198	5362	6.396	ng		91
66) n-Nitrosodiphenylamine	16.032	169	40947	5.250	ng		97
67) 4-Bromophenyl-phenylether	16.719	248	14429	5.462	ng		96
68) Hexachlorobenzene	16.831	284	16630	4.989	ng		97
69) Atrazine	16.966	200	14691	6.357	ng		97
70) Pentachlorophenol	17.172	266	8244	5.354	ng		92
71) Phenanthrene	17.577	178	75769	5.180	ng		97
72) Anthracene	17.665	178	73489	5.184	ng		98
73) Carbazole	17.929	167	66849	5.301	ng		99
74) Di-n-butylphthalate	18.476	149	86807	6.452	ng		98
75) Fluoranthene	19.580	202	90003	5.219	ng		98
77) Benzidine	19.757	184	34011	5.712	ng		97
78) Pyrene	19.939	202	95507	4.937	ng		98
80) Butylbenzylphthalate	20.814	149	41370	7.773	ng		97
81) Benzo(a)anthracene	21.807	228	95545	5.130	ng		96
82) 3,3'-Dichlorobenzidine	21.713	252	31220	5.547	ng		96
83) Chrysene	21.872	228	90996	5.134	ng		98
84) Bis(2-ethylhexyl)phtha...	21.696	149	57887	6.924	ng		99
85) Di-n-octyl phthalate	22.959	149	95243	6.632	ng	#	88
87) Indeno(1,2,3-cd)pyrene	29.069	276	104325	4.972	ng	#	86
88) Benzo(b)fluoranthene	24.116	252	85601	4.902	ng		98
89) Benzo(k)fluoranthene	24.187	252	92439m	5.130	ng		
90) Benzo(a)pyrene	25.033	252	75056	5.008	ng		99
91) Dibenzo(a,h)anthracene	29.140	278	84216	4.885	ng		98
92) Benzo(g,h,i)perylene	30.268	276	86852	5.154	ng		98

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

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