Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG051722\
Data File : BG053579.D
Acq On : 17 May 2022 11:41
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: May 17 15:26:10 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG050522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 11 06:00:46 2022
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 05/18/2022
Supervised By :Jagrut Upadhyay 05/18/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.081	152	26818	20.000	ng		0.00
21) Naphthalene-d8	10.895	136	114214	20.000	ng		0.00
39) Acenaphthene-d10	14.713	164	96857	20.000	ng		0.00
64) Phenanthrene-d10	17.457	188	230017	20.000	ng		0.00
76) Chrysene-d12	21.739	240	206220	20.000	ng		0.00
86) Perylene-d12	25.017	264	218575	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.649	112	119939	75.901	ng		0.00
7) Phenol-d6	7.247	99	196938	82.120	ng		0.00
23) Nitrobenzene-d5	9.244	82	222518	82.934	ng		0.00
42) 2,4,6-Tribromophenol	16.200	330	118182	82.730	ng		0.00
45) 2-Fluorobiphenyl	13.333	172	530108	79.977	ng		0.00
79) Terphenyl-d14	20.059	244	912117	82.378	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.523	88	28321	34.159	ng		96
3) Pyridine	3.928	79	76167	37.617	ng		96
4) n-Nitrosodimethylamine	3.840	42	38386	38.918	ng	#	94
6) Aniline	7.406	93	108792	40.958	ng		95
8) 2-Chlorophenol	7.646	128	64329	38.941	ng		94
9) Benzaldehyde	7.212	77	58429m	38.351	ng		
10) Phenol	7.276	94	94541	40.307	ng		94
11) bis(2-Chloroethyl)ether	7.494	93	68882	39.377	ng		98
12) 1,3-Dichlorobenzene	7.970	146	76667	39.340	ng		95
13) 1,4-Dichlorobenzene	8.116	146	75522	38.403	ng		98
14) 1,2-Dichlorobenzene	8.439	146	73974	40.058	ng		94
15) Benzyl Alcohol	8.322	79	87936	43.859	ng		97
16) 2,2'-oxybis(1-Chloropr...	8.604	45	116105	40.781	ng		98
17) 2-Methylphenol	8.528	107	66810	42.143	ng		95
18) Hexachloroethane	9.168	117	28293	37.886	ng		97
19) n-Nitroso-di-n-propyla...	8.886	70	73826	42.905	ng		96
20) 3+4-Methylphenols	8.857	107	98012	43.776	ng		95
22) Acetophenone	8.904	105	125909	40.280	ng	#	99
24) Nitrobenzene	9.291	77	108338	41.719	ng		99
25) Isophorone	9.814	82	196035	43.414	ng		98
26) 2-Nitrophenol	10.002	139	45717	43.466	ng		97
27) 2,4-Dimethylphenol	10.061	122	65608	41.449	ng		98
28) bis(2-Chloroethoxy)met...	10.290	93	108573	41.807	ng		98
29) 2,4-Dichlorophenol	10.548	162	82946	43.419	ng		96
30) 1,2,4-Trichlorobenzene	10.754	180	90927	41.892	ng		97
31) Naphthalene	10.942	128	239339	41.196	ng		98
32) Benzoic acid	10.237	122	40212m	41.943	ng		
33) 4-Chloroaniline	11.054	127	103629	42.591	ng		97
34) Hexachlorobutadiene	11.230	225	66373	41.238	ng		98
35) Caprolactam	11.835	113	30793	44.356	ng		93
36) 4-Chloro-3-methylphenol	12.176	107	102426	44.823	ng		98
37) 2-Methylnaphthalene	12.546	142	183551	42.335	ng		100
38) 1-Methylnaphthalene	12.763	142	181917	43.004	ng		96
40) 1,2,4,5-Tetrachloroben...	12.910	216	122804	40.223	ng		99
41) Hexachlorocyclopentadiene	12.892	237	35346	34.120	ng		98
43) 2,4,6-Trichlorophenol	13.151	196	84011	42.155	ng		96

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.233	196	90958	42.884	ng		97
46) 1,1'-Biphenyl	13.544	154	261097	39.547	ng		99
47) 2-Chloronaphthalene	13.591	162	204382	39.512	ng		98
48) 2-Nitroaniline	13.791	65	81697	42.387	ng		99
49) Acenaphthylene	14.431	152	327259	39.648	ng		99
50) Dimethylphthalate	14.161	163	293174	39.832	ng		99
51) 2,6-Dinitrotoluene	14.279	165	60898	40.612	ng		98
52) Acenaphthene	14.772	154	199731	40.604	ng		97
53) 3-Nitroaniline	14.613	138	64457	39.783	ng		98
54) 2,4-Dinitrophenol	14.831	184	35119	40.260	ng		94
55) Dibenzofuran	15.107	168	352406	39.885	ng		97
56) 4-Nitrophenol	14.931	139	44241	38.230	ng	#	84
57) 2,4-Dinitrotoluene	15.072	165	86469	39.782	ng		90
58) Fluorene	15.759	166	282219	39.803	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.342	232	86232	40.070	ng		96
60) Diethylphthalate	15.512	149	299851	39.439	ng		98
61) 4-Chlorophenyl-phenyle...	15.741	204	163298	41.273	ng		98
62) 4-Nitroaniline	15.777	138	64385	38.313	ng		99
63) Azobenzene	16.035	77	310605	39.896	ng		98
65) 4,6-Dinitro-2-methylph...	15.841	198	59455	43.378	ng		98
66) n-Nitrosodiphenylamine	15.959	169	251186	41.593	ng		98
67) 4-Bromophenyl-phenylether	16.640	248	115400	42.958	ng		97
68) Hexachlorobenzene	16.769	284	121062	41.149	ng		99
69) Atrazine	16.904	200	97368	38.298	ng		96
70) Pentachlorophenol	17.116	266	59214m	39.851	ng		
71) Phenanthrene	17.498	178	463086	39.594	ng		99
72) Anthracene	17.592	178	456575	39.716	ng		99
73) Carbazole	17.856	167	433603	38.485	ng		99
74) Di-n-butylphthalate	18.402	149	490431	38.704	ng		99
75) Fluoranthene	19.507	202	567233	37.456	ng		97
77) Benzidine	19.677	184	120744	27.165	ng		98
78) Pyrene	19.871	202	564477	42.284	ng		99
80) Butylbenzylphthalate	20.740	149	207723	42.434	ng		97
81) Benzo(a)anthracene	21.716	228	537938	40.898	ng		99
82) 3,3'-Dichlorobenzidine	21.627	252	137976	41.366	ng		96
83) Chrysene	21.786	228	507031	41.274	ng		99
84) Bis(2-ethylhexyl)phtha...	21.604	149	289455	42.840	ng		98
85) Di-n-octyl phthalate	22.832	149	485621	42.504	ng		100
87) Indeno(1,2,3-cd)pyrene	28.782	276	614996	40.398	ng		99
88) Benzo(b)fluoranthene	23.977	252	517943	40.033	ng		98
89) Benzo(k)fluoranthene	24.042	252	516020	40.588	ng		98
90) Benzo(a)pyrene	24.864	252	443467	40.271	ng		99
91) Dibenzo(a,h)anthracene	28.841	278	506959	40.415	ng		99
92) Benzo(g,h,i)perylene	29.963	276	502162	40.386	ng		97

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

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