Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040821\
Data File : BG048633.D
Acq On : 8 Apr 2021 10:34
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Apr 08 11:20:29 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG033021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 07 10:06:00 2021
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
mohammad
4/9/2021 11:18:31 AM

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.097	152	27973	20.00	ng		0.00
21) Naphthalene-d8	10.923	136	105345	20.00	ng		# 0.00
39) Acenaphthene-d10	14.748	164	72633	20.00	ng		0.00
64) Phenanthrene-d10	17.498	188	180781	20.00	ng		# 0.00
76) Chrysene-d12	21.799	240	181853	20.00	ng		# 0.00
86) Perylene-d12	25.136	264	190135	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.635	112	126180	79.64	ng		0.00
7) Phenol-d6	7.245	99	174560	75.97	ng		0.00
23) Nitrobenzene-d5	9.266	82	170512	78.36	ng		0.00
42) 2,4,6-Tribromophenol	16.235	330	84188	88.17	ng		0.00
45) 2-Fluorobiphenyl	13.368	172	405093	82.90	ng		0.00
79) Terphenyl-d14	20.107	244	781344	78.57	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.497	88	23000	36.08	ng		95
3) Pyridine	3.908	79	63065	39.46	ng		94
4) n-Nitrosodimethylamine	3.820	42	40507	38.79	ng	#	99
6) Aniline	7.410	93	96920	36.72	ng		97
8) 2-Chlorophenol	7.657	128	69373	38.74	ng		89
9) Benzaldehyde	7.222	77	52732	35.90	ng		96
10) Phenol	7.275	94	86179	37.46	ng		97
11) bis(2-Chloroethyl)ether	7.510	93	58249	36.49	ng		98
12) 1,3-Dichlorobenzene	7.980	146	80810	40.06	ng		97
13) 1,4-Dichlorobenzene	8.133	146	80016	39.34	ng		96
14) 1,2-Dichlorobenzene	8.450	146	77018	39.54	ng		93
15) Benzyl Alcohol	8.332	79	70133	37.26	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.620	45	54290	35.26	ng		94
17) 2-Methylphenol	8.532	107	56868	38.20	ng		92
18) Hexachloroethane	9.184	117	28439	37.63	ng	#	68
19) n-Nitroso-di-n-propyla...	8.896	70	54737	34.56	ng		95
20) 3+4-Methylphenols	8.867	107	76911	37.22	ng		90
22) Acetophenone	8.920	105	103210	38.00	ng		95
24) Nitrobenzene	9.308	77	86104	40.32	ng	#	92
25) Isophorone	9.831	82	150325	37.41	ng		98
26) 2-Nitrophenol	10.024	139	41307	42.10	ng		97
27) 2,4-Dimethylphenol	10.077	122	59262	38.39	ng		96
28) bis(2-Chloroethoxy)met...	10.312	93	69503	37.74	ng		98
29) 2,4-Dichlorophenol	10.559	162	70490	40.32	ng		94
30) 1,2,4-Trichlorobenzene	10.782	180	83042	41.34	ng		88
31) Naphthalene	10.970	128	214398	39.58	ng		99
32) Benzoic acid	10.207	122	40082	33.75	ng		92
33) 4-Chloroaniline	11.076	127	90430	39.56	ng		98
34) Hexachlorobutadiene	11.252	225	60726	41.40	ng		89
35) Caprolactam	11.846	113	24232	37.99	ng	#	87
36) 4-Chloro-3-methylphenol	12.192	107	75162	38.29	ng		95
37) 2-Methylnaphthalene	12.574	142	168136	38.99	ng		98
38) 1-Methylnaphthalene	12.792	142	157234	38.23	ng		99
40) 1,2,4,5-Tetrachloroben...	12.939	216	95540	42.43	ng		97
41) Hexachlorocyclopentadiene	12.921	237	50705	38.87	ng		96
43) 2,4,6-Trichlorophenol	13.174	196	64502	41.68	ng		92

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.256	196	68130	41.15	ng		97
46) 1,1'-Biphenyl	13.579	154	213565	40.24	ng		98
47) 2-Chloronaphthalene	13.620	162	168180	41.59	ng		96
48) 2-Nitroaniline	13.820	65	51672	40.20	ng		94
49) Acenaphthylene	14.472	152	253567	40.00	ng		97
50) Dimethylphthalate	14.190	163	220927	40.98	ng		96
51) 2,6-Dinitrotoluene	14.313	165	50282	40.77	ng		96
52) Acenaphthene	14.813	154	167587	36.55	ng		99
53) 3-Nitroaniline	14.648	138	48437	40.05	ng		90
54) 2,4-Dinitrophenol	14.848	184	30613	44.14	ng		91
55) Dibenzofuran	15.142	168	269685	40.28	ng		96
56) 4-Nitrophenol	14.954	139	43271	44.32	ng		91
57) 2,4-Dinitrotoluene	15.101	165	73444	42.10	ng		94
58) Fluorene	15.794	166	223802	39.93	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.365	232	68033	42.12	ng		99
60) Diethylphthalate	15.553	149	228931	41.33	ng		96
61) 4-Chlorophenyl-phenyle...	15.782	204	120208	39.86	ng		96
62) 4-Nitroaniline	15.812	138	54800	43.32	ng		93
63) Azobenzene	16.076	77	202687	37.19	ng		95
65) 4,6-Dinitro-2-methylph...	15.865	198	50235	46.25	ng		95
66) n-Nitrosodiphenylamine	16.000	169	204037	39.67	ng		98
67) 4-Bromophenyl-phenylether	16.681	248	80594	40.22	ng		95
68) Hexachlorobenzene	16.799	284	83296	39.81	ng		96
69) Atrazine	16.946	200	87449	41.69	ng		95
70) Pentachlorophenol	17.145	266	54430	41.85	ng		98
71) Phenanthrene	17.539	178	378769	40.36	ng		97
72) Anthracene	17.633	178	372364	39.82	ng		99
73) Carbazole	17.903	167	359897	40.58	ng		98
74) Di-n-butylphthalate	18.450	149	408584	41.24	ng		97
75) Fluoranthene	19.554	202	483710	41.58	ng		98
77) Benzidine	19.725	184	209699	34.05	ng		99
78) Pyrene	19.913	202	482382	38.58	ng		100
80) Butylbenzylphthalate	20.794	149	191396	41.21	ng		99
81) Benzo(a)anthracene	21.775	228	487171	40.10	ng		99
82) 3,3'-Dichlorobenzidine	21.687	252	164195	39.34	ng		94
83) Chrysene	21.846	228	462571	39.90	ng		95
84) Bis(2-ethylhexyl)phtha...	21.670	149	268690	41.54	ng		97
85) Di-n-octyl phthalate	22.921	149	453597	40.22	ng		100
87) Indeno(1,2,3-cd)pyrene	28.973	276	520687	39.06	ng	#	92
88) Benzo(b)fluoranthene	24.073	252	495543	40.13	ng	#	98
89) Benzo(k)fluoranthene	24.149	252	482019m	40.60	ng		
90) Benzo(a)pyrene	24.977	252	455136	39.99	ng		99
91) Dibenzo(a,h)anthracene	29.055	278	426794	37.51	ng		98
92) Benzo(g,h,i)perylene	30.177	276	413274	37.09	ng		97

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

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