Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042021\
Data File : BG048795.D
Acq On : 20 Apr 2021 15:22
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
mohammad
4/21/2021 11:24:45 AM

Quant Time: Apr 20 17:34:23 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG041421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 20 17:33:30 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.061	152	22405	20.00	ng		0.00
21) Naphthalene-d8	10.893	136	94802	20.00	ng		# 0.00
39) Acenaphthene-d10	14.724	164	66938	20.00	ng		0.00
64) Phenanthrene-d10	17.480	188	159665	20.00	ng		# 0.00
76) Chrysene-d12	21.780	240	149612	20.00	ng		0.00
86) Perylene-d12	25.112	264	154293	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.605	112	111766	83.43	ng		0.00
7) Phenol-d6	7.221	99	154323	81.44	ng		0.00
23) Nitrobenzene-d5	9.236	82	168058	79.37	ng		0.00
42) 2,4,6-Tribromophenol	16.216	330	68693	76.54	ng		0.00
45) 2-Fluorobiphenyl	13.343	172	367624	79.31	ng		0.00
79) Terphenyl-d14	20.094	244	676070	77.77	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.461	88	21113	40.22	ng		99
3) Pyridine	3.872	79	55303	40.42	ng		91
4) n-Nitrosodimethylamine	3.778	42	41906	40.12	ng		97
6) Aniline	7.380	93	91458	43.00	ng		96
8) 2-Chlorophenol	7.626	128	61466	43.25	ng		99
9) Benzaldehyde	7.192	77	56521	45.02	ng	#	89
10) Phenol	7.250	94	77443	41.56	ng		95
11) bis(2-Chloroethyl)ether	7.474	93	53780	42.83	ng		94
12) 1,3-Dichlorobenzene	7.950	146	68087	41.67	ng		94
13) 1,4-Dichlorobenzene	8.096	146	68286	41.01	ng		93
14) 1,2-Dichlorobenzene	8.420	146	64911	42.25	ng		92
15) Benzyl Alcohol	8.302	79	68244	40.87	ng		90
16) 2,2'-oxybis(1-Chloropr...	8.590	45	57477	42.22	ng		91
17) 2-Methylphenol	8.514	107	50993	42.87	ng		98
18) Hexachloroethane	9.154	117	26344	40.28	ng		98
19) n-Nitroso-di-n-propyla...	8.872	70	57834	45.24	ng	#	87
20) 3+4-Methylphenols	8.843	107	71610	43.63	ng		91
22) Acetophenone	8.890	105	100913	40.90	ng	#	98
24) Nitrobenzene	9.277	77	86107	40.77	ng		96
25) Isophorone	9.800	82	149225	39.85	ng		97
26) 2-Nitrophenol	9.994	139	37879	41.43	ng		96
27) 2,4-Dimethylphenol	10.053	122	57418	40.86	ng		94
28) bis(2-Chloroethoxy)met...	10.282	93	66616	40.83	ng	#	89
29) 2,4-Dichlorophenol	10.541	162	62036	39.14	ng		91
30) 1,2,4-Trichlorobenzene	10.746	180	71531	38.92	ng		95
31) Naphthalene	10.940	128	194924	40.07	ng		98
32) Benzoic acid	10.229	122	19956m	24.24	ng		
33) 4-Chloroaniline	11.046	127	82280	40.65	ng		96
34) Hexachlorobutadiene	11.222	225	51940	38.07	ng		97
35) Caprolactam	11.827	113	21632	40.17	ng		90
36) 4-Chloro-3-methylphenol	12.180	107	73950	41.20	ng		93
37) 2-Methylnaphthalene	12.550	142	157069	40.41	ng		95
38) 1-Methylnaphthalene	12.767	142	147528	40.79	ng		99
40) 1,2,4,5-Tetrachloroben...	12.914	216	87017	39.94	ng		99
41) Hexachlorocyclopentadiene	12.891	237	34300	32.61	ng		96
43) 2,4,6-Trichlorophenol	13.155	196	54860	37.73	ng		96

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.232	196	59857	38.76	ng		98
46) 1,1'-Biphenyl	13.555	154	200668	40.58	ng		95
47) 2-Chloronaphthalene	13.602	162	153731	40.70	ng		99
48) 2-Nitroaniline	13.802	65	56265	41.46	ng		94
49) Acenaphthylene	14.448	152	238653	40.50	ng		95
50) Dimethylphthalate	14.172	163	200067	39.84	ng		97
51) 2,6-Dinitrotoluene	14.295	165	48892	42.21	ng		91
52) Acenaphthene	14.789	154	153098	40.91	ng		97
53) 3-Nitroaniline	14.630	138	46339	41.67	ng		92
54) 2,4-Dinitrophenol	14.836	184	20465	32.77	ng		92
55) Dibenzofuran	15.124	168	250088	40.37	ng		98
56) 4-Nitrophenol	14.947	139	33888	41.13	ng		93
57) 2,4-Dinitrotoluene	15.082	165	68024	40.44	ng		95
58) Fluorene	15.770	166	209352	41.15	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.353	232	52542	36.78	ng		98
60) Diethylphthalate	15.535	149	213166	41.04	ng		99
61) 4-Chlorophenyl-phenyle...	15.758	204	114099	40.79	ng		97
62) 4-Nitroaniline	15.799	138	47737	40.15	ng		92
63) Azobenzene	16.058	77	215044	41.11	ng		95
65) 4,6-Dinitro-2-methylph...	15.852	198	40837	38.20	ng		93
66) n-Nitrosodiphenylamine	15.981	169	182631	40.47	ng		94
67) 4-Bromophenyl-phenylether	16.663	248	74482	40.53	ng		93
68) Hexachlorobenzene	16.780	284	75758	40.70	ng		94
69) Atrazine	16.927	200	74928	39.93	ng		97
70) Pentachlorophenol	17.133	266	32332	32.60	ng		96
71) Phenanthrene	17.521	178	332799	40.16	ng		98
72) Anthracene	17.615	178	333816	40.71	ng		98
73) Carbazole	17.885	167	317202	40.39	ng		99
74) Di-n-butylphthalate	18.431	149	358033	40.66	ng		99
75) Fluoranthene	19.536	202	415513	39.65	ng		95
77) Benzidine	19.712	184	168348	41.44	ng		99
78) Pyrene	19.900	202	412700	39.87	ng		98
80) Butylbenzylphthalate	20.776	149	162120	40.05	ng		97
81) Benzo(a)anthracene	21.757	228	405758	39.69	ng		97
82) 3,3'-Dichlorobenzidine	21.669	252	136358	38.89	ng	#	98
83) Chrysene	21.827	228	378802	38.90	ng		98
84) Bis(2-ethylhexyl)phtha...	21.645	149	225822	39.85	ng		98
85) Di-n-octyl phthalate	22.897	149	386472	40.06	ng		99
87) Indeno(1,2,3-cd)pyrene	28.937	276	433180	38.23	ng	#	61
88) Benzo(b)fluoranthene	24.048	252	402671	38.47	ng	#	94
89) Benzo(k)fluoranthene	24.119	252	391387	39.76	ng		100
90) Benzo(a)pyrene	24.953	252	383396	39.76	ng		99
91) Dibenzo(a,h)anthracene	28.996	278	373050	38.38	ng	#	98
92) Benzo(g,h,i)perylene	30.129	276	365090	38.05	ng		97

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

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