Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040621\
Data File : BG048605.D
Acq On : 6 Apr 2021 15:45
Operator : CG/JU
Sample : M1933-06MS
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BENNETT_BH_01_2-2.5MS

Manual Integrations APPROVED
mohammad
4/8/2021 8:06:40 AM

Quant Time: Apr 06 16:23:18 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG033021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 02 10:20:56 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.092	152	24698	20.00	ng		# 0.00
21) Naphthalene-d8	10.918	136	103684	20.00	ng		# 0.00
39) Acenaphthene-d10	14.748	164	71992	20.00	ng		0.00
64) Phenanthrene-d10	17.498	188	173775	20.00	ng		0.00
76) Chrysene-d12	21.805	240	168259	20.00	ng		# 0.00
86) Perylene-d12	25.142	264	168512	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.636	112	132825	94.95	ng		0.00
7) Phenol-d6	7.245	99	178638	88.05	ng		0.00
23) Nitrobenzene-d5	9.261	82	122827	57.35	ng		0.00
42) 2,4,6-Tribromophenol	16.235	330	91494	96.68	ng		0.00
45) 2-Fluorobiphenyl	13.362	172	279239	57.65	ng		0.00
79) Terphenyl-d14	20.107	244	456999	49.67	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.497	88	20359	36.17	ng		96
3) Pyridine	3.902	79	58351	41.35	ng		97
4) n-Nitrosodimethylamine	3.814	42	40363	43.78	ng		90
6) Aniline	7.410	93	25849	11.09	ng		93
8) 2-Chlorophenol	7.651	128	78118	49.41	ng		94
9) Benzaldehyde	7.222	77	54881	42.32	ng		99
10) Phenol	7.269	94	102011	50.22	ng		98
11) bis(2-Chloroethyl)ether	7.498	93	64094	45.48	ng		98
12) 1,3-Dichlorobenzene	7.980	146	82501	46.32	ng		96
13) 1,4-Dichlorobenzene	8.127	146	84054	46.81	ng		98
14) 1,2-Dichlorobenzene	8.450	146	79919	46.47	ng		93
15) Benzyl Alcohol	8.327	79	78750	47.38	ng		96
16) 2,2'-oxybis(1-Chloropr...	8.614	45	59573	43.82	ng		93
17) 2-Methylphenol	8.532	107	64811	49.31	ng		96
18) Hexachloroethane	9.184	117	30476	45.68	ng	#	79
19) n-Nitroso-di-n-propyla...	8.896	70	58627	41.92	ng		89
20) 3+4-Methylphenols	8.867	107	90628	49.68	ng		94
22) Acetophenone	8.920	105	115931	43.37	ng	#	98
24) Nitrobenzene	9.308	77	90888	43.24	ng		98
25) Isophorone	9.825	82	162283	41.03	ng		95
26) 2-Nitrophenol	10.025	139	44270	45.85	ng		100
27) 2,4-Dimethylphenol	10.077	122	80090	52.71	ng		94
28) bis(2-Chloroethoxy)met...	10.312	93	89770	49.52	ng		99
29) 2,4-Dichlorophenol	10.565	162	81550	47.40	ng		96
30) 1,2,4-Trichlorobenzene	10.777	180	86781	43.89	ng		98
31) Naphthalene	10.971	128	233363	43.77	ng		99
32) Benzoic acid	10.224	122	56444	48.29	ng		90
33) 4-Chloroaniline	11.076	127	14600	6.49	ng		94
34) Hexachlorobutadiene	11.253	225	62595	43.35	ng	#	86
35) Caprolactam	11.858	113	28496m	45.40	ng		
36) 4-Chloro-3-methylphenol	12.198	107	90326	46.75	ng		98
37) 2-Methylnaphthalene	12.575	142	184528	43.48	ng		97
38) 1-Methylnaphthalene	12.792	142	169848	41.96	ng		96
40) 1,2,4,5-Tetrachloroben...	12.939	216	104200	46.69	ng		97
41) Hexachlorocyclopentadiene	12.915	237	140418	108.61	ng		97
43) 2,4,6-Trichlorophenol	13.180	196	76524	49.89	ng		94

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.250	196	84289	51.36	ng		95
46) 1,1'-Biphenyl	13.579	154	242936	46.18	ng		95
47) 2-Chloronaphthalene	13.620	162	188932	47.14	ng		97
48) 2-Nitroaniline	13.820	65	61714	48.44	ng		90
49) Acenaphthylene	14.466	152	306211	48.74	ng		97
50) Dimethylphthalate	14.190	163	261392	48.92	ng	#	97
51) 2,6-Dinitrotoluene	14.314	165	56671	46.36	ng		97
52) Acenaphthene	14.813	154	196850	43.32	ng		96
53) 3-Nitroaniline	14.643	138	7112	5.93	ng	#	76
54) 2,4-Dinitrophenol	14.854	184	77343	112.51	ng		96
55) Dibenzofuran	15.148	168	291676	43.95	ng	#	95
56) 4-Nitrophenol	14.960	139	94333	97.49	ng		93
57) 2,4-Dinitrotoluene	15.101	165	80084	46.31	ng	#	96
58) Fluorene	15.794	166	248246	44.68	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.371	232	79326	49.55	ng	#	99
60) Diethylphthalate	15.559	149	263050	47.91	ng		96
61) 4-Chlorophenyl-phenyle...	15.783	204	138070	46.19	ng		95
62) 4-Nitroaniline	15.812	138	54248	43.27	ng		96
63) Azobenzene	16.076	77	227015	42.03	ng		99
65) 4,6-Dinitro-2-methylph...	15.871	198	50208	48.08	ng		97
66) n-Nitrosodiphenylamine	16.000	169	223165	45.14	ng		99
67) 4-Bromophenyl-phenylether	16.681	248	92095	47.81	ng		91
68) Hexachlorobenzene	16.799	284	94288	46.88	ng		96
69) Atrazine	16.946	200	95617	47.42	ng		96
70) Pentachlorophenol	17.146	266	124832	99.85	ng		90
71) Phenanthrene	17.545	178	408441	45.28	ng		98
72) Anthracene	17.633	178	416539	46.34	ng		98
73) Carbazole	17.904	167	374787	43.96	ng		94
74) Di-n-butylphthalate	18.456	149	437027	45.89	ng		98
75) Fluoranthene	19.555	202	485145	43.38	ng		98
77) Benzidine	19.731	184	156675	27.50	ng		99
78) Pyrene	19.919	202	490650	42.41	ng		98
80) Butylbenzylphthalate	20.794	149	196687	45.77	ng		94
81) Benzo(a)anthracene	21.781	228	503350	44.77	ng		99
82) 3,3'-Dichlorobenzidine	21.687	252	64252	16.64	ng		98
83) Chrysene	21.852	228	471014	43.91	ng		96
84) Bis(2-ethylhexyl)phtha...	21.676	149	281010	46.95	ng	#	100
85) Di-n-octyl phthalate	22.927	149	483192	46.31	ng		99
87) Indeno(1,2,3-cd)pyrene	28.996	276	560656	47.46	ng	#	87
88) Benzo(b)fluoranthene	24.085	252	492617	45.01	ng	#	98
89) Benzo(k)fluoranthene	24.149	252	467848	44.46	ng		97
90) Benzo(a)pyrene	24.989	252	439910	43.61	ng		99
91) Dibenzo(a,h)anthracene	29.055	278	465867	46.20	ng		99
92) Benzo(g,h,i)perylene	30.189	276	447279	45.29	ng		96

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

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