Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041521\
Data File : BG048714.D
Acq On : 15 Apr 2021 18:25
Operator : CG/JU
Sample : M1998-09MS
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-5AMS

Quant Time: Apr 16 00:33:56 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG041421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 15 10:59:37 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.085	152	30682	20.00	ng		0.00
21) Naphthalene-d8	10.917	136	122511	20.00	ng	#	0.00
39) Acenaphthene-d10	14.742	164	76457	20.00	ng		0.00
64) Phenanthrene-d10	17.503	188	153268	20.00	ng	#	0.00
76) Chrysene-d12	21.810	240	138988	20.00	ng	#	0.01
86) Perylene-d12	25.159	264	142323	20.00	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.641	112	184559	100.61	ng		0.00
7) Phenol-d6	7.256	99	280739	108.19	ng		0.01
23) Nitrobenzene-d5	9.260	82	211053	77.13	ng		0.00
42) 2,4,6-Tribromophenol	16.240	330	24481	23.88	ng		0.00
45) 2-Fluorobiphenyl	13.361	172	373006	70.45	ng		0.00
79) Terphenyl-d14	20.112	244	455550	56.41	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.496	88	19442	27.05	ng	#	90
3) Pyridine	3.901	79	61689	32.93	ng	#	87
4) n-Nitrosodimethylamine	3.819	42	51907	36.29	ng	#	89
6) Aniline	7.409	93	93147	31.98	ng		99
8) 2-Chlorophenol	7.656	128	88008	45.22	ng		97
9) Benzaldehyde	7.215	77	77941	45.33	ng		92
10) Phenol	7.286	94	408096	159.94	ng		94
11) bis(2-Chloroethyl)ether	7.503	93	75749	44.05	ng		97
12) 1,3-Dichlorobenzene	7.979	146	96840	43.28	ng		99
13) 1,4-Dichlorobenzene	8.126	146	97591	42.80	ng		99
14) 1,2-Dichlorobenzene	8.443	146	93937	44.65	ng		96
15) Benzyl Alcohol	8.331	79	97257	42.53	ng		97
16) 2,2'-oxybis(1-Chloropr...	8.613	45	81613	43.78	ng		98
17) 2-Methylphenol	8.537	107	73643	45.21	ng	#	88
18) Hexachloroethane	9.178	117	34920	38.99	ng		91
19) n-Nitroso-di-n-propyla...	8.901	70	74544	42.58	ng	#	90
20) 3+4-Methylphenols	8.872	107	102947	45.80	ng		94
22) Acetophenone	8.919	105	139014	43.59	ng	#	98
24) Nitrobenzene	9.307	77	116607	42.72	ng		94
25) Isophorone	9.830	82	203792	42.11	ng		97
26) 2-Nitrophenol	10.012	139	48120	40.73	ng		98
27) 2,4-Dimethylphenol	10.076	122	87373	48.11	ng		91
28) bis(2-Chloroethoxy)met...	10.306	93	101826	48.30	ng		94
29) 2,4-Dichlorophenol	10.564	162	91402	44.63	ng		90
30) 1,2,4-Trichlorobenzene	10.776	180	102448	43.13	ng		99
31) Naphthalene	10.964	128	271793	43.24	ng		99
32) Benzoic acid	10.388	122	49766	46.77	ng		90
33) 4-Chloroaniline	11.069	127	65519	25.05	ng		97
34) Hexachlorobutadiene	11.246	225	76222	43.23	ng		95
35) Caprolactam	11.892	113	25652	36.86	ng	#	82
36) 4-Chloro-3-methylphenol	12.215	107	97669	42.10	ng		94
37) 2-Methylnaphthalene	12.574	142	206980	41.20	ng		97
38) 1-Methylnaphthalene	12.791	142	188383	40.31	ng		100
40) 1,2,4,5-Tetrachloroben...	12.938	216	121352	48.76	ng		97
41) Hexachlorocyclopentadiene	12.908	237	7127	10.73	ng		89
43) 2,4,6-Trichlorophenol	13.185	196	76379	45.99	ng		96

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.267	196	78042	44.25	ng	#	90
46) 1,1'-Biphenyl	13.572	154	265049	46.93	ng		98
47) 2-Chloronaphthalene	13.619	162	197921	45.88	ng		100
48) 2-Nitroaniline	13.825	65	70647	45.57	ng		91
49) Acenaphthylene	14.465	152	305461	45.39	ng		96
50) Dimethylphthalate	14.195	163	253670	44.23	ng		100
51) 2,6-Dinitrotoluene	14.313	165	53665	40.56	ng		97
52) Acenaphthene	14.812	154	188692	44.15	ng		98
53) 3-Nitroaniline	14.653	138	44374	34.93	ng		93
54) 2,4-Dinitrophenol	14.859	184	9275	16.19	ng		93
55) Dibenzofuran	15.141	168	290385	41.04	ng		95
56) 4-Nitrophenol	14.977	139	78470	83.38	ng		92
57) 2,4-Dinitrotoluene	15.106	165	74688	38.87	ng	#	95
58) Fluorene	15.793	166	236239	40.66	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.370	232	67682	41.47	ng		98
60) Diethylphthalate	15.552	149	244983	41.29	ng		99
61) 4-Chlorophenyl-phenyle...	15.782	204	132649	41.51	ng		98
62) 4-Nitroaniline	15.817	138	49774	36.65	ng		96
63) Azobenzene	16.075	77	230809	38.63	ng		93
65) 4,6-Dinitro-2-methylph...	15.870	198	8855	8.63	ng		88
66) n-Nitrosodiphenylamine	15.999	169	209105	48.27	ng		97
67) 4-Bromophenyl-phenylether	16.680	248	82164	46.58	ng		94
68) Hexachlorobenzene	16.804	284	83573	46.77	ng		97
69) Atrazine	16.951	200	81574	45.28	ng		97
70) Pentachlorophenol	17.151	266	86762	91.12	ng		95
71) Phenanthrene	17.544	178	352054	44.26	ng		96
72) Anthracene	17.638	178	363149	46.14	ng		97
73) Carbazole	17.908	167	305301	40.49	ng		98
74) Di-n-butylphthalate	18.455	149	358946	42.47	ng		99
75) Fluoranthene	19.571	202	426693	42.41	ng		100
77) Benzidine	19.736	184	137542	36.44	ng		98
78) Pyrene	19.924	202	428009	44.51	ng		97
80) Butylbenzylphthalate	20.799	149	153377	40.79	ng		95
81) Benzo(a)anthracene	21.786	228	414493	43.64	ng		97
82) 3,3'-Dichlorobenzidine	21.698	252	132665	40.73	ng		97
83) Chrysene	21.857	228	388147	42.90	ng		96
84) Bis(2-ethylhexyl)phtha...	21.675	149	244797	46.50	ng		98
85) Di-n-octyl phthalate	22.926	149	367735	41.04	ng		96
87) Indeno(1,2,3-cd)pyrene	29.019	276	377898	36.15	ng	#	92
88) Benzo(b)fluoranthene	24.095	252	411223	42.59	ng		97
89) Benzo(k)fluoranthene	24.166	252	399101	43.95	ng		99
90) Benzo(a)pyrene	25.000	252	372087	41.83	ng		93
91) Dibenzo(a,h)anthracene	29.078	278	321748	35.89	ng		98
92) Benzo(g,h,i)perylene	30.218	276	285318	32.24	ng		97

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

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