Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041521\
Data File : BG048715.D
Acq On : 15 Apr 2021 19:05
Operator : CG/JU
Sample : M1998-10MSD
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SB-5AMSD

Manual Integrations APPROVED
mohammad
4/16/2021 11:28:26 AM

Quant Time: Apr 16 00:34:26 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	8.090	152	29227	20.00	ng		# 0.00
21) Naphthalene-d8	10.916	136	123769	20.00	ng		0.00
39) Acenaphthene-d10	14.747	164	75146	20.00	ng		0.00
64) Phenanthrene-d10	17.503	188	155808	20.00	ng		# 0.00
76) Chrysene-d12	21.809	240	146979	20.00	ng		# 0.01
86) Perylene-d12	25.164	264	145026	20.00	ng		0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.640	112	181836	104.06	ng		0.00
7) Phenol-d6	7.256	99	279357	113.02	ng		0.01
23) Nitrobenzene-d5	9.259	82	210687	76.21	ng		0.00
42) 2,4,6-Tribromophenol	16.239	330	25239	25.05	ng		0.00
45) 2-Fluorobiphenyl	13.360	172	379116	72.86	ng		0.00
79) Terphenyl-d14	20.111	244	473732	55.47	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.495	88	19360	28.28	ng		99
3) Pyridine	3.901	79	57893	32.44	ng		97
4) n-Nitrosodimethylamine	3.813	42	51772	38.00	ng	#	98
6) Aniline	7.409	93	89197	32.15	ng		91
8) 2-Chlorophenol	7.655	128	88666	47.83	ng		96
9) Benzaldehyde	7.215	77	73385	44.81	ng		90
10) Phenol	7.285	94	404257	166.32	ng		98
11) bis(2-Chloroethyl)ether	7.503	93	74562	45.52	ng		94
12) 1,3-Dichlorobenzene	7.978	146	95087	44.61	ng		94
13) 1,4-Dichlorobenzene	8.125	146	96966	44.64	ng		95
14) 1,2-Dichlorobenzene	8.443	146	96378	48.09	ng		95
15) Benzyl Alcohol	8.325	79	96299	44.21	ng		95
16) 2,2'-oxybis(1-Chloropr...	8.619	45	81197	45.73	ng		95
17) 2-Methylphenol	8.537	107	76309	49.18	ng		96
18) Hexachloroethane	9.177	117	33189	38.90	ng		93
19) n-Nitroso-di-n-propyla...	8.895	70	72911	43.72	ng		93
20) 3+4-Methylphenols	8.866	107	105827	49.43	ng		96
22) Acetophenone	8.919	105	140930	43.75	ng	#	99
24) Nitrobenzene	9.306	77	112882	40.94	ng		96
25) Isophorone	9.829	82	201565	41.23	ng		97
26) 2-Nitrophenol	10.017	139	50576	42.38	ng		91
27) 2,4-Dimethylphenol	10.076	122	89522	48.79	ng		94
28) bis(2-Chloroethoxy)met...	10.311	93	100526	47.20	ng	#	89
29) 2,4-Dichlorophenol	10.570	162	86944	42.02	ng		96
30) 1,2,4-Trichlorobenzene	10.775	180	102686	42.79	ng		96
31) Naphthalene	10.969	128	268904	42.34	ng		99
32) Benzoic acid	10.405	122	44944m	41.81	ng		
33) 4-Chloroaniline	11.075	127	66510	25.17	ng		95
34) Hexachlorobutadiene	11.245	225	77754	43.65	ng		93
35) Caprolactam	11.897	113	25799	36.69	ng		98
36) 4-Chloro-3-methylphenol	12.221	107	95189	40.62	ng		92
37) 2-Methylnaphthalene	12.573	142	207340	40.85	ng		96
38) 1-Methylnaphthalene	12.790	142	189463	40.12	ng		98
40) 1,2,4,5-Tetrachloroben...	12.937	216	118331	48.38	ng		96
41) Hexachlorocyclopentadiene	12.908	237	3723	8.45	ng		86
43) 2,4,6-Trichlorophenol	13.184	196	75506	46.25	ng		99

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44) 2,4,5-Trichlorophenol	13.272	196	75771	43.71	ng		93
46) 1,1'-Biphenyl	13.572	154	264848	47.71	ng		100
47) 2-Chloronaphthalene	13.625	162	202635	47.79	ng		97
48) 2-Nitroaniline	13.825	65	72239	47.41	ng		98
49) Acenaphthylene	14.471	152	311954	47.16	ng		96
50) Dimethylphthalate	14.195	163	257404	45.66	ng		97
51) 2,6-Dinitrotoluene	14.318	165	56044	43.10	ng		96
52) Acenaphthene	14.812	154	195095	46.44	ng		98
53) 3-Nitroaniline	14.653	138	47703	38.21	ng		92
54) 2,4-Dinitrophenol	14.853	184	8183	15.07	ng		98
55) Dibenzofuran	15.141	168	300775	43.25	ng		97
56) 4-Nitrophenol	14.976	139	81453	88.06	ng		93
57) 2,4-Dinitrotoluene	15.111	165	77418	40.99	ng		91
58) Fluorene	15.793	166	239752	41.98	ng		96
59) 2,3,4,6-Tetrachlorophenol	15.376	232	67222	41.91	ng		99
60) Diethylphthalate	15.552	149	246352	42.25	ng		99
61) 4-Chlorophenyl-phenyle...	15.781	204	134589	42.85	ng		93
62) 4-Nitroaniline	15.822	138	50264	37.66	ng		97
63) Azobenzene	16.075	77	234132	39.87	ng		94
65) 4,6-Dinitro-2-methylph...	15.875	198	8395	8.05	ng		87
66) n-Nitrosodiphenylamine	15.998	169	213065	48.38	ng		97
67) 4-Bromophenyl-phenylether	16.680	248	84386	47.06	ng		95
68) Hexachlorobenzene	16.803	284	89202	49.11	ng		97
69) Atrazine	16.950	200	81494	44.50	ng		96
70) Pentachlorophenol	17.156	266	83420	86.18	ng		97
71) Phenanthrene	17.544	178	361545	44.71	ng		97
72) Anthracene	17.638	178	367687	45.95	ng		99
73) Carbazole	17.908	167	315722	41.19	ng		97
74) Di-n-butylphthalate	18.454	149	370362	43.10	ng		99
75) Fluoranthene	19.565	202	437820	42.81	ng		99
77) Benzidine	19.741	184	160005	40.09	ng		97
78) Pyrene	19.923	202	439151	43.19	ng		99
80) Butylbenzylphthalate	20.799	149	154159	38.77	ng		99
81) Benzo(a)anthracene	21.792	228	435560	43.37	ng		97
82) 3,3'-Dichlorobenzidine	21.698	252	142905	41.49	ng		99
83) Chrysene	21.856	228	403201	42.14	ng		98
84) Bis(2-ethylhexyl)phtha...	21.674	149	251183	45.12	ng		98
85) Di-n-octyl phthalate	22.932	149	375201	39.59	ng		97
87) Indeno(1,2,3-cd)pyrene	29.007	276	402177	37.76	ng	#	96
88) Benzo(b)fluoranthene	24.089	252	441813	44.91	ng		97
89) Benzo(k)fluoranthene	24.160	252	390730	42.23	ng		99
90) Benzo(a)pyrene	25.000	252	382731	42.23	ng		97
91) Dibenzo(a,h)anthracene	29.077	278	329814	36.10	ng		98
92) Benzo(g,h,i)perylene	30.217	276	288010	31.93	ng		94

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

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