Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120321\
Data File : BP008206.D
Acq On : 03 Dec 2021 15:45
Operator : CG/JU
Sample : M4798-03MS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SB-2-3.0MS

Quant Time: Dec 03 16:21:03 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP112521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 03 14:39:24 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.793	152	96299	20.000	ng		0.00
21) Naphthalene-d8	10.599	136	349764	20.000	ng	#	0.00
39) Acenaphthene-d10	14.463	164	224016	20.000	ng		0.02
64) Phenanthrene-d10	17.222	188	473389	20.000	ng		0.01
76) Chrysene-d12	21.316	240	530715	20.000	ng		0.00
86) Perylene-d12	23.710	264	484677	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.387	112	636737	106.461	ng		0.00
7) Phenol-d6	6.987	99	819393	101.487	ng		0.00
23) Nitrobenzene-d5	8.957	82	570586	74.182	ng		0.00
42) 2,4,6-Tribromophenol	15.963	330	361487	126.248	ng		0.01
45) 2-Fluorobiphenyl	13.075	172	1007692	65.339	ng		0.00
79) Terphenyl-d14	19.780	244	1756940	69.187	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.293	88	96662	34.642	ng		99
3) Pyridine	3.693	79	257847	34.622	ng		99
4) n-Nitrosodimethylamine	3.599	42	137845	44.375	ng		99
6) Aniline	7.128	93	221903	23.446	ng		97
8) 2-Chlorophenol	7.369	128	296248	48.386	ng		97
9) Benzaldehyde	6.940	77	184134	41.319	ng		98
10) Phenol	7.011	94	398243	47.999	ng		97
11) bis(2-Chloroethyl)ether	7.222	93	309142	46.616	ng		99
12) 1,3-Dichlorobenzene	7.687	146	332420	47.038	ng		98
13) 1,4-Dichlorobenzene	7.828	146	338211	47.203	ng		96
14) 1,2-Dichlorobenzene	8.146	146	323832	45.445	ng		96
15) Benzyl Alcohol	8.046	79	315641	49.342	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.334	45	432649	43.238	ng		97
17) 2-Methylphenol	8.258	107	254249	47.103	ng		97
18) Hexachloroethane	8.869	117	136137	51.099	ng		91
19) n-Nitroso-di-n-propyla...	8.610	70	251673	45.048	ng		97
20) 3+4-Methylphenols	8.587	107	343038	46.048	ng		97
22) Acetophenone	8.628	105	450556	47.095	ng	#	98
24) Nitrobenzene	9.005	77	366384	49.118	ng		96
25) Isophorone	9.534	82	683693	50.807	ng	#	92
26) 2-Nitrophenol	9.716	139	166308	51.675	ng	#	92
27) 2,4-Dimethylphenol	9.787	122	239885	49.840	ng		98
28) bis(2-Chloroethoxy)met...	10.010	93	377440	44.010	ng	#	92
29) 2,4-Dichlorophenol	10.257	162	295703	51.440	ng		98
30) 1,2,4-Trichlorobenzene	10.463	180	325944	48.852	ng		99
31) Naphthalene	10.652	128	853037	47.610	ng		97
32) Benzoic acid	9.993	122	191178	48.557	ng		96
33) 4-Chloroaniline	10.763	127	173925	23.398	ng		96
34) Hexachlorobutadiene	10.934	225	233993	51.246	ng		98
35) Caprolactam	11.587	113	72401	56.700	ng	#	10
36) 4-Chloro-3-methylphenol	11.916	107	311209	47.358	ng		94
37) 2-Methylnaphthalene	12.269	142	595644	47.003	ng		96
38) 1-Methylnaphthalene	12.493	142	896031	72.641	ng		99
40) 1,2,4,5-Tetrachloroben...	12.646	216	371767	51.089	ng	#	95
41) Hexachlorocyclopentadiene	12.622	237	267198	95.508	ng		99
43) 2,4,6-Trichlorophenol	12.893	196	238340	48.343	ng		97

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Misc :
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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.975	196	252838	47.859	ng	#	82
46) 1,1'-Biphenyl	13.287	154	735889	45.276	ng		97
47) 2-Chloronaphthalene	13.328	162	592793	46.184	ng		98
48) 2-Nitroaniline	13.534	65	198528	44.884	ng		96
49) Acenaphthylene	14.181	152	942686	47.606	ng	#	94
50) Dimethylphthalate	13.922	163	745143	44.296	ng	#	97
51) 2,6-Dinitrotoluene	14.040	165	194925	55.833	ng		96
52) Acenaphthene	14.528	154	633968	53.722	ng		98
53) 3-Nitroaniline	14.369	138	128270	36.254	ng	#	83
54) 2,4-Dinitrophenol	14.604	184	201722	97.725	ng		94
55) Dibenzofuran	14.863	168	965535	47.879	ng	#	87
56) 4-Nitrophenol	14.704	139	299557	110.461	ng	#	80
57) 2,4-Dinitrotoluene	14.845	165	286126	59.720	ng	#	94
58) Fluorene	15.516	166	877463	53.555	ng	#	99
59) 2,3,4,6-Tetrachlorophenol	15.104	232	218662	46.546	ng	#	42
60) Diethylphthalate	15.292	149	740403	44.353	ng		96
61) 4-Chlorophenyl-phenyle...	15.510	204	407588	45.354	ng		93
62) 4-Nitroaniline	15.540	138	145318	39.582	ng		94
63) Azobenzene	15.804	77	679434	39.791	ng	#	78
65) 4,6-Dinitro-2-methylph...	15.622	198	137132	44.289	ng	#	59
66) n-Nitrosodiphenylamine	15.728	169	1131962	82.549	ng	#	84
67) 4-Bromophenyl-phenylether	16.404	248	266882	50.699	ng		92
68) Hexachlorobenzene	16.539	284	313036	55.632	ng		99
69) Atrazine	16.692	200	302121	84.892	ng		96
70) Pentachlorophenol	16.886	266	346811	103.651	ng		99
71) Phenanthrene	17.269	178	1569557	62.797	ng		97
72) Anthracene	17.357	178	1280010	51.604	ng		97
73) Carbazole	17.628	167	1104258	45.605	ng	#	92
74) Di-n-butylphthalate	18.181	149	1360833	44.896	ng		99
75) Fluoranthene	19.239	202	1555665	46.203	ng		97
77) Benzidine	19.416	184	429556	59.005	ng	#	94
78) Pyrene	19.592	202	1815416	54.878	ng		99
80) Butylbenzylphthalate	20.463	149	670827	44.389	ng		93
81) Benzo(a)anthracene	21.298	228	1603377	45.585	ng		99
82) 3,3'-Dichlorobenzidine	21.227	252	298222	17.995	ng		99
83) Chrysene	21.351	228	1559012	46.579	ng		100
84) Bis(2-ethylhexyl)phtha...	21.222	149	1257583	54.807	ng		99
85) Di-n-octyl phthalate	22.145	149	1717791	44.070	ng	#	87
87) Indeno(1,2,3-cd)pyrene	26.221	276	1565105	44.386	ng		96
88) Benzo(b)fluoranthene	22.986	252	1495750	51.191	ng		99
89) Benzo(k)fluoranthene	23.027	252	1476580	51.619	ng		99
90) Benzo(a)pyrene	23.604	252	1414724	56.651	ng	#	98
91) Dibenzo(a,h)anthracene	26.227	278	1332213	45.493	ng		97
92) Benzo(g,h,i)perylene	26.980	276	1314082	44.480	ng		96

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

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