Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041321\
Data File : BP005289.D
Acq On : 13 Apr 2021 16:18
Operator : CG/JU
Sample : M1998-09MS
Misc :
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Apr 14 02:42:39 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP040921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 09 18:44:11 2021
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SB-5AMS

Manual Integrations APPROVED
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4/14/2021 11:51:07 AM

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.675	152	61947	20.00	ng		# 0.00
21) Naphthalene-d8	10.469	136	224911	20.00	ng		# 0.00
39) Acenaphthene-d10	14.339	164	132270	20.00	ng		0.00
64) Phenanthrene-d10	17.104	188	277999	20.00	ng		# 0.00
76) Chrysene-d12	21.204	240	216363	20.00	ng		0.00
86) Perylene-d12	23.480	264	200748	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.281	112	581004	98.43	ng		0.00
7) Phenol-d6	6.875	99	766949	113.88	ng		0.01
23) Nitrobenzene-d5	8.840	82	498883	69.95	ng		0.00
42) 2,4,6-Tribromophenol	15.845	330	43006	25.76	ng		0.00
45) 2-Fluorobiphenyl	12.951	172	685228	69.94	ng		0.00
79) Terphenyl-d14	19.680	244	784549	71.23	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.211	88	81110	23.27	ng		97
3) Pyridine	3.611	79	234025	29.95	ng		92
4) n-Nitrosodimethylamine	3.522	42	74605	32.35	ng	#	87
6) Aniline	7.016	93	255751	35.28	ng	#	85
8) 2-Chlorophenol	7.252	128	195256	46.10	ng	#	78
9) Benzaldehyde	6.828	77	213871	48.22	ng	#	73
10) Phenol	6.905	94	1174457	170.27	ng		82
11) bis(2-Chloroethyl)ether	7.110	93	220428	44.59	ng		89
12) 1,3-Dichlorobenzene	7.563	146	204598	44.38	ng	#	87
13) 1,4-Dichlorobenzene	7.710	146	207597	45.61	ng	#	93
14) 1,2-Dichlorobenzene	8.022	146	194258	44.91	ng	#	90
15) Benzyl Alcohol	7.928	79	205674	44.09	ng	#	79
16) 2,2'-oxybis(1-Chloropr...	8.204	45	142383	49.47	ng		83
17) 2-Methylphenol	8.134	107	176185	46.56	ng	#	86
18) Hexachloroethane	8.740	117	76943	38.97	ng		89
19) n-Nitroso-di-n-propyla...	8.493	70	174079	42.02	ng	#	89
20) 3+4-Methylphenols	8.463	107	235126	47.44	ng		88
22) Acetophenone	8.504	105	329685	41.61	ng	#	90
24) Nitrobenzene	8.881	77	275196	37.33	ng	#	69
25) Isophorone	9.410	82	467953	39.33	ng	#	85
26) 2-Nitrophenol	9.587	139	82939	40.51	ng	#	37
27) 2,4-Dimethylphenol	9.657	122	163024	49.17	ng	#	78
28) bis(2-Chloroethoxy)met...	9.887	93	249473	44.23	ng	#	95
29) 2,4-Dichlorophenol	10.128	162	155745	42.26	ng		89
30) 1,2,4-Trichlorobenzene	10.334	180	183246	43.37	ng		98
31) Naphthalene	10.516	128	524656	42.60	ng		100
32) Benzoic acid	9.657	122	163024	74.94	ng	#	31
33) 4-Chloroaniline	10.640	127	86013	18.74	ng	#	77
34) Hexachlorobutadiene	10.793	225	123980	42.35	ng		98
35) Caprolactam	11.487	113	52064	42.56	ng	#	63
36) 4-Chloro-3-methylphenol	11.804	107	205764	43.17	ng	#	77
37) 2-Methylnaphthalene	12.140	142	366308	43.87	ng	#	93
38) 1-Methylnaphthalene	12.363	142	335568	42.47	ng	#	98
40) 1,2,4,5-Tetrachloroben...	12.516	216	209278	46.96	ng	#	98
41) Hexachlorocyclopentadiene	12.487	237	58627	28.55	ng		99
43) 2,4,6-Trichlorophenol	12.769	196	129063	46.09	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.857	196	138461	45.32	ng	#	87
46) 1,1'-Biphenyl	13.163	154	464487	46.33	ng		95
47) 2-Chloronaphthalene	13.204	162	361160	45.58	ng		94
48) 2-Nitroaniline	13.428	65	139426	41.00	ng	#	47
49) Acenaphthylene	14.063	152	589173	48.07	ng		100
50) Dimethylphthalate	13.810	163	449985	46.34	ng	#	99
51) 2,6-Dinitrotoluene	13.928	165	96202	44.55	ng	#	22
52) Acenaphthene	14.404	154	342010	45.68	ng		99
53) 3-Nitroaniline	14.263	138	81702	38.26	ng	#	33
54) 2,4-Dinitrophenol	14.481	184	87278	64.62	ng	#	57
55) Dibenzofuran	14.745	168	544914	43.70	ng		95
56) 4-Nitrophenol	14.598	139	151608	91.65	ng	#	15
57) 2,4-Dinitrotoluene	14.728	165	133358	44.42	ng	#	25
58) Fluorene	15.398	166	454834	45.00	ng		98
59) 2,3,4,6-Tetrachlorophenol	14.981	232	118402	43.52	ng	#	95
60) Diethylphthalate	15.181	149	446979	45.01	ng		99
61) 4-Chlorophenyl-phenyle...	15.392	204	244422	46.10	ng		97
62) 4-Nitroaniline	15.439	138	90907m	41.09	ng		
63) Azobenzene	15.686	77	594472	38.79	ng		80
65) 4,6-Dinitro-2-methylph...	15.492	198	59667	31.97	ng	#	66
66) n-Nitrosodiphenylamine	15.616	169	374840	44.63	ng		99
67) 4-Bromophenyl-phenylether	16.292	248	146090	46.00	ng		94
68) Hexachlorobenzene	16.404	284	154178	45.41	ng	#	91
69) Atrazine	16.580	200	133988	45.59	ng		96
70) Pentachlorophenol	16.763	266	172932	84.42	ng		99
71) Phenanthrene	17.145	178	686686	43.70	ng		100
72) Anthracene	17.239	178	697033	45.78	ng		99
73) Carbazole	17.516	167	581584	40.00	ng		99
74) Di-n-butylphthalate	18.075	149	759453	46.75	ng	#	97
75) Fluoranthene	19.139	202	775738	40.24	ng		98
77) Benzidine	19.316	184	136602	34.50	ng		99
78) Pyrene	19.486	202	761256	56.61	ng		99
80) Butylbenzylphthalate	20.357	149	231243	46.02	ng	#	60
81) Benzo(a)anthracene	21.192	228	625195	43.79	ng		98
82) 3,3'-Dichlorobenzidine	21.127	252	180582	43.24	ng		99
83) Chrysene	21.245	228	591670	42.61	ng		99
84) Bis(2-ethylhexyl)phtha...	21.116	149	399926	50.65	ng		99
85) Di-n-octyl phthalate	21.998	149	531919	37.51	ng	#	91
87) Indeno(1,2,3-cd)pyrene	25.815	276	697701	45.46	ng	#	93
88) Benzo(b)fluoranthene	22.792	252	604916	46.04	ng		98
89) Benzo(k)fluoranthene	22.839	252	524184m	41.62	ng		
90) Benzo(a)pyrene	23.380	252	517861	42.58	ng	#	98
91) Dibenzo(a,h)anthracene	25.833	278	577231	43.15	ng	#	94
92) Benzo(g,h,i)perylene	26.533	276	572307	44.23	ng	#	93

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

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