Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP011421\
Data File : BP004552.D
Acq On : 14 Jan 2021 12:21
Operator : CG/JU
Sample : PB134098BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : PB134098BS

Quant Time: Jan 14 12:45:42 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270E-BP011221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 12 15:19:32 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.811	152	213516	20.00	ng		0.00
21) Naphthalene-d8	10.610	136	751809	20.00	ng		# 0.00
39) Acenaphthene-d10	14.463	164	430830	20.00	ng		0.00
64) Phenanthrene-d10	17.228	188	874800	20.00	ng		0.00
76) Chrysene-d12	21.322	240	874691	20.00	ng		0.00
86) Perylene-d12	23.674	264	964679	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.405	112	1075151	87.76	ng		0.00
7) Phenol-d6	6.987	99	1279823	76.28	ng		0.00
23) Nitrobenzene-d5	8.975	82	1263647	95.03	ng		0.00
42) 2,4,6-Tribromophenol	15.963	330	537805	71.80	ng		0.00
45) 2-Fluorobiphenyl	13.081	172	3215863	97.03	ng		0.00
79) Terphenyl-d14	19.792	244	4671985	97.59	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.334	88	182872	36.93	ng	#	93
3) Pyridine	3.723	79	500915	37.75	ng		96
4) n-Nitrosodimethylamine	3.640	42	185248	44.15	ng		95
6) Aniline	7.140	93	561277	29.41	ng		97
8) 2-Chlorophenol	7.381	128	609610	43.82	ng		94
9) Benzaldehyde	6.958	77	82483	8.73	ng		89
10) Phenol	7.017	94	694893	43.20	ng		98
11) bis(2-Chloroethyl)ether	7.234	93	541738	42.08	ng		94
12) 1,3-Dichlorobenzene	7.705	146	705983	41.04	ng		98
13) 1,4-Dichlorobenzene	7.846	146	711825	40.91	ng		99
14) 1,2-Dichlorobenzene	8.164	146	675092	40.63	ng		99
15) Benzyl Alcohol	8.052	79	434264	39.95	ng		95
16) 2,2'-oxybis(1-Chloropr...	8.340	45	528396	38.70	ng		94
17) 2-Methylphenol	8.264	107	468240	41.25	ng		98
18) Hexachloroethane	8.887	117	240441	39.98	ng		96
19) n-Nitroso-di-n-propyla...	8.616	70	355509	37.78	ng		94
20) 3+4-Methylphenols	8.587	107	622699	40.20	ng		99
22) Acetophenone	8.634	105	794991	42.84	ng	#	97
24) Nitrobenzene	9.016	77	563564	43.31	ng		92
25) Isophorone	9.534	82	998775	41.65	ng		95
26) 2-Nitrophenol	9.728	139	321521	44.83	ng	#	93
27) 2,4-Dimethylphenol	9.793	122	506273	50.97	ng		97
28) bis(2-Chloroethoxy)met...	10.022	93	653052	39.69	ng		99
29) 2,4-Dichlorophenol	10.263	162	555667	42.12	ng		99
30) 1,2,4-Trichlorobenzene	10.475	180	646405	40.73	ng		99
31) Naphthalene	10.663	128	1755164	42.51	ng		100
32) Benzoic acid	9.940	122	277074	36.34	ng		89
33) 4-Chloroaniline	10.769	127	261033	14.64	ng		97
34) Hexachlorobutadiene	10.946	225	413655	38.79	ng		100
35) Caprolactam	11.546	113	159277	37.81	ng	#	74
36) 4-Chloro-3-methylphenol	11.910	107	508678	40.50	ng		99
37) 2-Methylnaphthalene	12.275	142	1235522	40.70	ng		100
38) 1-Methylnaphthalene	12.499	142	1139387	39.53	ng		99
40) 1,2,4,5-Tetrachloroben...	12.652	216	700228	45.24	ng		99
41) Hexachlorocyclopentadiene	12.628	237	691584	77.51	ng		99
43) 2,4,6-Trichlorophenol	12.893	196	434776	43.16	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.975	196	462516	44.18	ng		99
46) 1,1'-Biphenyl	13.293	154	1532868	44.51	ng		99
47) 2-Chloronaphthalene	13.334	162	1219459	42.78	ng		98
48) 2-Nitroaniline	13.540	65	270842	41.09	ng		82
49) Acenaphthylene	14.187	152	1859132	43.66	ng		100
50) Dimethylphthalate	13.922	163	1442066	40.39	ng		99
51) 2,6-Dinitrotoluene	14.046	165	329835	43.34	ng		97
52) Acenaphthene	14.528	154	1107497	42.66	ng		98
53) 3-Nitroaniline	14.375	138	180427	21.78	ng		92
54) 2,4-Dinitrophenol	14.598	184	321435	64.39	ng		94
55) Dibenzofuran	14.869	168	1795515	42.71	ng		97
56) 4-Nitrophenol	14.698	139	482983	83.99	ng		92
57) 2,4-Dinitrotoluene	14.840	165	439809	42.27	ng	#	92
58) Fluorene	15.522	166	1431077	42.64	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.098	232	399832	40.69	ng	#	91
60) Diethylphthalate	15.287	149	1387343	39.74	ng		99
61) 4-Chlorophenyl-phenyle...	15.510	204	767614	40.47	ng		93
62) 4-Nitroaniline	15.540	138	317503	36.29	ng		97
63) Azobenzene	15.804	77	1121622	42.43	ng		95
65) 4,6-Dinitro-2-methylph...	15.616	198	241121	47.32	ng		95
66) n-Nitrosodiphenylamine	15.728	169	1254799	46.27	ng		100
67) 4-Bromophenyl-phenylether	16.410	248	489590	41.88	ng		95
68) Hexachlorobenzene	16.534	284	577818	41.37	ng		97
69) Atrazine	16.687	200	383025	40.15	ng		97
70) Pentachlorophenol	16.881	266	530034	84.57	ng		99
71) Phenanthrene	17.269	178	2227976	44.42	ng		100
72) Anthracene	17.363	178	2271411	46.74	ng		100
73) Carbazole	17.634	167	2012936	44.44	ng		99
74) Di-n-butylphthalate	18.181	149	2265800	41.39	ng		99
75) Fluoranthene	19.245	202	2593817	42.50	ng		100
77) Benzidine	19.422	184	904888	39.54	ng		100
78) Pyrene	19.598	202	2657256	44.65	ng		100
80) Butylbenzylphthalate	20.463	149	982323	40.81	ng		93
81) Benzo(a)anthracene	21.304	228	2584834	43.44	ng		100
82) 3,3'-Dichlorobenzidine	21.233	252	676656	31.55	ng		100
83) Chrysene	21.357	228	2480644	43.81	ng		99
84) Bis(2-ethylhexyl)phtha...	21.222	149	1437296	41.81	ng		99
85) Di-n-octyl phthalate	22.128	149	2495613	42.76	ng	#	97
87) Indeno(1,2,3-cd)pyrene	26.110	276	3582524	48.12	ng		97
88) Benzo(b)fluoranthene	22.963	252	2816124	45.10	ng		99
89) Benzo(k)fluoranthene	23.010	252	2723139	45.73	ng		99
90) Benzo(a)pyrene	23.574	252	2576461	44.24	ng		99
91) Dibenzo(a,h)anthracene	26.121	278	2981205	48.53	ng		98
92) Benzo(g,h,i)perylene	26.857	276	3021847	49.95	ng		97

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

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