Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP011421\
Data File : BP004553.D
Acq On : 14 Jan 2021 12:55
Operator : CG/JU
Sample : PB134096BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : PB134096BS

Quant Time: Jan 14 14:13:00 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	194649	20.00	ng		0.00
21) Naphthalene-d8	10.610	136	712058	20.00	ng		# 0.00
39) Acenaphthene-d10	14.463	164	418309	20.00	ng		0.00
64) Phenanthrene-d10	17.228	188	870034	20.00	ng		0.00
76) Chrysene-d12	21.322	240	903400	20.00	ng		0.00
86) Perylene-d12	23.680	264	996393	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.405	112	1439899	128.93	ng		0.00
7) Phenol-d6	6.987	99	1732582	113.27	ng		0.00
23) Nitrobenzene-d5	8.975	82	992490	78.80	ng		0.00
42) 2,4,6-Tribromophenol	15.963	330	797946	109.72	ng		0.00
45) 2-Fluorobiphenyl	13.081	172	2592342	80.56	ng		0.00
79) Terphenyl-d14	19.792	244	3591347	72.63	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.334	88	163980	36.32	ng		93
3) Pyridine	3.722	79	460720	38.08	ng		96
4) n-Nitrosodimethylamine	3.640	42	165401	43.24	ng		92
6) Aniline	7.140	93	582368	33.47	ng		96
8) 2-Chlorophenol	7.381	128	561166	44.25	ng		94
9) Benzaldehyde	6.958	77	75431	8.77	ng		90
10) Phenol	7.016	94	642542	43.81	ng		97
11) bis(2-Chloroethyl)ether	7.234	93	498909	42.51	ng		94
12) 1,3-Dichlorobenzene	7.705	146	638769	40.74	ng		98
13) 1,4-Dichlorobenzene	7.846	146	647746	40.83	ng		98
14) 1,2-Dichlorobenzene	8.163	146	616102	40.67	ng		99
15) Benzyl Alcohol	8.052	79	416822	42.06	ng		96
16) 2,2'-oxybis(1-Chloropr...	8.346	45	488542	39.25	ng		95
17) 2-Methylphenol	8.263	107	439385	42.46	ng		99
18) Hexachloroethane	8.887	117	220516	40.22	ng		96
19) n-Nitroso-di-n-propyla...	8.616	70	333604	38.89	ng		94
20) 3+4-Methylphenols	8.587	107	590434	41.81	ng		99
22) Acetophenone	8.634	105	741649	42.20	ng	#	97
24) Nitrobenzene	9.016	77	522521	42.40	ng		91
25) Isophorone	9.534	82	948544	41.76	ng		94
26) 2-Nitrophenol	9.722	139	302110	44.47	ng	#	93
27) 2,4-Dimethylphenol	9.787	122	481028	51.13	ng		98
28) bis(2-Chloroethoxy)met...	10.016	93	623370	40.00	ng		98
29) 2,4-Dichlorophenol	10.263	162	530069	42.42	ng		98
30) 1,2,4-Trichlorobenzene	10.475	180	599283	39.87	ng		98
31) Naphthalene	10.657	128	1630224	41.68	ng		100
32) Benzoic acid	9.940	122	265405	36.64	ng		90
33) 4-Chloroaniline	10.769	127	329840	19.53	ng		96
34) Hexachlorobutadiene	10.946	225	380724	37.69	ng		99
35) Caprolactam	11.546	113	152172	38.14	ng	#	75
36) 4-Chloro-3-methylphenol	11.910	107	491725	41.33	ng		99
37) 2-Methylnaphthalene	12.275	142	1169601	40.68	ng		100
38) 1-Methylnaphthalene	12.498	142	1084109	39.72	ng		99
40) 1,2,4,5-Tetrachloroben...	12.651	216	657234	43.74	ng		99
41) Hexachlorocyclopentadiene	12.628	237	632747	74.78	ng		100
43) 2,4,6-Trichlorophenol	12.893	196	420187	42.96	ng		100

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.975	196	445421	43.82	ng		99
46) 1,1'-Biphenyl	13.293	154	1470542	43.98	ng		99
47) 2-Chloronaphthalene	13.334	162	1164843	42.09	ng		98
48) 2-Nitroaniline	13.540	65	261621	40.88	ng		83
49) Acenaphthylene	14.187	152	1790930	43.31	ng		100
50) Dimethylphthalate	13.922	163	1413521	40.78	ng		100
51) 2,6-Dinitrotoluene	14.045	165	320200	43.33	ng		98
52) Acenaphthene	14.528	154	1069968	42.45	ng		99
53) 3-Nitroaniline	14.375	138	204537	25.43	ng		93
54) 2,4-Dinitrophenol	14.598	184	326092	66.13	ng		95
55) Dibenzofuran	14.869	168	1744952	42.75	ng		97
56) 4-Nitrophenol	14.698	139	473926	84.88	ng		92
57) 2,4-Dinitrotoluene	14.840	165	432277	42.79	ng		92
58) Fluorene	15.522	166	1391696	42.71	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.098	232	379906	39.82	ng	#	93
60) Diethylphthalate	15.292	149	1363090	40.21	ng		98
61) 4-Chlorophenyl-phenyle...	15.510	204	747015	40.57	ng		93
62) 4-Nitroaniline	15.545	138	318023	37.44	ng		97
63) Azobenzene	15.804	77	1094714	42.65	ng		94
65) 4,6-Dinitro-2-methylph...	15.616	198	232788	45.93	ng		98
66) n-Nitrosodiphenylamine	15.728	169	1224868	45.41	ng		100
67) 4-Bromophenyl-phenylether	16.410	248	481301	41.39	ng		95
68) Hexachlorobenzene	16.534	284	561869	40.45	ng		97
69) Atrazine	16.686	200	374672	39.49	ng		98
70) Pentachlorophenol	16.881	266	522241	83.78	ng		99
71) Phenanthrene	17.269	178	2177199	43.65	ng		100
72) Anthracene	17.363	178	2224245	46.02	ng		100
73) Carbazole	17.634	167	1976847	43.88	ng		99
74) Di-n-butylphthalate	18.181	149	2238484	41.11	ng		99
75) Fluoranthene	19.245	202	2583979	42.57	ng		100
77) Benzidine	19.422	184	1025193	43.38	ng		99
78) Pyrene	19.598	202	2646278	43.05	ng		100
80) Butylbenzylphthalate	20.463	149	997279	40.11	ng		93
81) Benzo(a)anthracene	21.304	228	2604740	42.39	ng		100
82) 3,3'-Dichlorobenzidine	21.233	252	749261	33.83	ng		99
83) Chrysene	21.357	228	2509247	42.90	ng		99
84) Bis(2-ethylhexyl)phtha...	21.222	149	1478620	41.65	ng		99
85) Di-n-octyl phthalate	22.133	149	2563168	42.52	ng	#	97
87) Indeno(1,2,3-cd)pyrene	26.115	276	3609442	46.94	ng		97
88) Benzo(b)fluoranthene	22.963	252	2859332	44.34	ng		99
89) Benzo(k)fluoranthene	23.010	252	2810060	45.69	ng		99
90) Benzo(a)pyrene	23.574	252	2621015	43.57	ng		99
91) Dibenzo(a,h)anthracene	26.121	278	3016118	47.54	ng		98
92) Benzo(g,h,i)perylene	26.857	276	3065910	49.07	ng		97

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

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