Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP011521\
Data File : BP004569.D
Acq On : 15 Jan 2021 10:12
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SSTDCCC040

Quant Time: Jan 15 11:28:57 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	7.805	152	205628	20.00	ng		-0.01
21) Naphthalene-d8	10.604	136	788274	20.00	ng		# 0.00
39) Acenaphthene-d10	14.457	164	520109	20.00	ng		-0.01
64) Phenanthrene-d10	17.222	188	1131454	20.00	ng		0.00
76) Chrysene-d12	21.316	240	1216051	20.00	ng		0.00
86) Perylene-d12	23.663	264	1290617	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.393	112	902613	76.51	ng		0.00
7) Phenol-d6	6.981	99	1240707	76.78	ng		0.00
23) Nitrobenzene-d5	8.963	82	1055834	75.73	ng		-0.01
42) 2,4,6-Tribromophenol	15.957	330	641686	70.96	ng		0.00
45) 2-Fluorobiphenyl	13.075	172	2986101	74.63	ng		0.00
79) Terphenyl-d14	19.780	244	4820341	72.42	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.323	88	188086	39.44	ng		92
3) Pyridine	3.717	79	510852	39.97	ng		96
4) n-Nitrosodimethylamine	3.628	42	157691	39.03	ng		92
6) Aniline	7.134	93	702185	38.20	ng		96
8) 2-Chlorophenol	7.375	128	507651	37.89	ng		94
9) Benzaldehyde	6.946	77	285634	41.38	ng		90
10) Phenol	7.011	94	595425	38.43	ng		99
11) bis(2-Chloroethyl)ether	7.228	93	472142	38.08	ng		95
12) 1,3-Dichlorobenzene	7.693	146	614325	37.08	ng		97
13) 1,4-Dichlorobenzene	7.840	146	620522	37.03	ng		99
14) 1,2-Dichlorobenzene	8.158	146	597080	37.31	ng		100
15) Benzyl Alcohol	8.046	79	398689	38.08	ng		96
16) 2,2'-oxybis(1-Chloropr...	8.328	45	504610	38.37	ng		94
17) 2-Methylphenol	8.252	107	421254	38.53	ng		99
18) Hexachloroethane	8.881	117	213551	36.87	ng		96
19) n-Nitroso-di-n-propyla...	8.610	70	343175	37.87	ng		94
20) 3+4-Methylphenols	8.581	107	577237	38.70	ng		99
22) Acetophenone	8.628	105	747416	38.41	ng	#	97
24) Nitrobenzene	9.010	77	517043	37.90	ng		91
25) Isophorone	9.528	82	964800	38.37	ng		95
26) 2-Nitrophenol	9.716	139	298778	39.73	ng		94
27) 2,4-Dimethylphenol	9.781	122	402572	38.65	ng		98
28) bis(2-Chloroethoxy)met...	10.010	93	664557	38.52	ng		97
29) 2,4-Dichlorophenol	10.257	162	529705	38.30	ng		98
30) 1,2,4-Trichlorobenzene	10.469	180	617980	37.14	ng		98
31) Naphthalene	10.652	128	1640097	37.88	ng		100
32) Benzoic acid	9.940	122	317924	38.80	ng		90
33) 4-Chloroaniline	10.763	127	710117	37.98	ng		98
34) Hexachlorobutadiene	10.934	225	398093	35.60	ng		99
35) Caprolactam	11.546	113	168933	38.25	ng	#	75
36) 4-Chloro-3-methylphenol	11.904	107	505286	38.37	ng		100
37) 2-Methylnaphthalene	12.269	142	1195955	37.57	ng		99
38) 1-Methylnaphthalene	12.487	142	1141998	37.79	ng		99
40) 1,2,4,5-Tetrachloroben...	12.646	216	692197	37.05	ng		98
41) Hexachlorocyclopentadiene	12.616	237	253143	36.15	ng		98
43) 2,4,6-Trichlorophenol	12.887	196	459480	37.78	ng		100

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.969	196	477863	37.81	ng		98
46) 1,1'-Biphenyl	13.287	154	1562504	37.58	ng		99
47) 2-Chloronaphthalene	13.328	162	1289287	37.47	ng		98
48) 2-Nitroaniline	13.534	65	307653	38.66	ng		84
49) Acenaphthylene	14.181	152	1930734	37.55	ng		100
50) Dimethylphthalate	13.916	163	1608940	37.33	ng		99
51) 2,6-Dinitrotoluene	14.040	165	351029	38.20	ng		98
52) Acenaphthene	14.522	154	1175795	37.52	ng		100
53) 3-Nitroaniline	14.369	138	383896	38.39	ng		92
54) 2,4-Dinitrophenol	14.592	184	163289	37.09	ng		93
55) Dibenzofuran	14.857	168	1896244	37.37	ng		97
56) 4-Nitrophenol	14.698	139	265948	38.31	ng		93
57) 2,4-Dinitrotoluene	14.834	165	485072	38.62	ng		93
58) Fluorene	15.510	166	1518337	37.48	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.092	232	437858	36.91	ng		91
60) Diethylphthalate	15.287	149	1573026	37.32	ng		97
61) 4-Chlorophenyl-phenyle...	15.504	204	844180	36.87	ng		92
62) 4-Nitroaniline	15.540	138	414295	39.22	ng		97
63) Azobenzene	15.798	77	1203593	37.71	ng		96
65) 4,6-Dinitro-2-methylph...	15.610	198	250257	37.97	ng		96
66) n-Nitrosodiphenylamine	15.722	169	1339335	38.18	ng		99
67) 4-Bromophenyl-phenylether	16.404	248	561391	37.12	ng		94
68) Hexachlorobenzene	16.528	284	661973	36.65	ng		97
69) Atrazine	16.681	200	443097	35.91	ng		97
70) Pentachlorophenol	16.875	266	325426	40.15	ng		99
71) Phenanthrene	17.263	178	2452535	37.81	ng		100
72) Anthracene	17.351	178	2409272	38.33	ng		100
73) Carbazole	17.628	167	2231511	38.09	ng		99
74) Di-n-butylphthalate	18.175	149	2713383	38.32	ng		99
75) Fluoranthene	19.233	202	2960836	37.51	ng		99
77) Benzidine	19.416	184	1186223	37.28	ng		100
78) Pyrene	19.586	202	3049809	36.86	ng		99
80) Butylbenzylphthalate	20.457	149	1265366	37.81	ng		95
81) Benzo(a)anthracene	21.298	228	3062809	37.03	ng		100
82) 3,3'-Dichlorobenzidine	21.227	252	1115253	37.40	ng		99
83) Chrysene	21.351	228	2944872	37.41	ng		100
84) Bis(2-ethylhexyl)phtha...	21.216	149	1812886	37.94	ng		98
85) Di-n-octyl phthalate	22.116	149	3092235	38.11	ng	#	97
87) Indeno(1,2,3-cd)pyrene	26.086	276	3850371	38.66	ng		98
88) Benzo(b)fluoranthene	22.951	252	3301273	39.52	ng		99
89) Benzo(k)fluoranthene	22.998	252	3055642	38.35	ng		99
90) Benzo(a)pyrene	23.557	252	3029310	38.88	ng		99
91) Dibenzo(a,h)anthracene	26.098	278	3179417	38.69	ng		97
92) Benzo(g,h,i)perylene	26.821	276	3100765	38.31	ng		97

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

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