Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP011221\
Data File : BP004508.D
Acq On : 12 Jan 2021 17:01
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SSTDCCC040

Quant Time: Jan 12 17:36:07 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	7.816	152	222396	20.00	ng		0.00
21) Naphthalene-d8	10.610	136	854572	20.00	ng	#	0.00
39) Acenaphthene-d10	14.463	164	560280	20.00	ng		0.00
64) Phenanthrene-d10	17.228	188	1264452	20.00	ng		0.00
76) Chrysene-d12	21.322	240	1346035	20.00	ng		0.00
86) Perylene-d12	23.674	264	1448959	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.399	112	915695	71.76	ng		0.00
7) Phenol-d6	6.987	99	1244679	71.22	ng		0.00
23) Nitrobenzene-d5	8.975	82	1083860	71.71	ng		0.00
42) 2,4,6-Tribromophenol	15.963	330	721065	74.02	ng		0.00
45) 2-Fluorobiphenyl	13.081	172	3093401	71.77	ng		0.00
79) Terphenyl-d14	19.792	244	5158479	70.02	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.334	88	184205	35.71	ng		93
3) Pyridine	3.723	79	496788	35.94	ng		95
4) n-Nitrosodimethylamine	3.640	42	156712	35.86	ng		90
6) Aniline	7.140	93	703513	35.39	ng		97
8) 2-Chlorophenol	7.381	128	514997	35.54	ng		94
9) Benzaldehyde	6.958	77	298135	39.89	ng		90
10) Phenol	7.011	94	594574	35.48	ng		97
11) bis(2-Chloroethyl)ether	7.240	93	476202	35.51	ng		96
12) 1,3-Dichlorobenzene	7.705	146	637248	35.57	ng		99
13) 1,4-Dichlorobenzene	7.852	146	643290	35.49	ng		99
14) 1,2-Dichlorobenzene	8.163	146	610744	35.29	ng		99
15) Benzyl Alcohol	8.052	79	408070	36.04	ng		96
16) 2,2'-oxybis(1-Chloropr...	8.340	45	501897	35.29	ng		94
17) 2-Methylphenol	8.258	107	422670	35.75	ng		99
18) Hexachloroethane	8.893	117	219172	34.99	ng		90
19) n-Nitroso-di-n-propyla...	8.616	70	345660	35.26	ng		94
20) 3+4-Methylphenols	8.587	107	575710	35.69	ng		97
22) Acetophenone	8.634	105	750905	35.60	ng		97
24) Nitrobenzene	9.016	77	525778	35.55	ng		92
25) Isophorone	9.540	82	965378	35.42	ng		95
26) 2-Nitrophenol	9.722	139	298296	36.59	ng		94
27) 2,4-Dimethylphenol	9.787	122	407334	36.07	ng		98
28) bis(2-Chloroethoxy)met...	10.022	93	662160	35.40	ng		98
29) 2,4-Dichlorophenol	10.263	162	546495	36.44	ng		99
30) 1,2,4-Trichlorobenzene	10.475	180	645473	35.78	ng		98
31) Naphthalene	10.663	128	1673623	35.66	ng		100
32) Benzoic acid	9.934	122	331824	37.75	ng		91
33) 4-Chloroaniline	10.769	127	721133	35.58	ng		97
34) Hexachlorobutadiene	10.946	225	434470	35.84	ng		98
35) Caprolactam	11.546	113	170620	35.64	ng	#	79
36) 4-Chloro-3-methylphenol	11.904	107	517508	36.25	ng		100
37) 2-Methylnaphthalene	12.275	142	1227112	35.56	ng		99
38) 1-Methylnaphthalene	12.499	142	1171497	35.76	ng		99
40) 1,2,4,5-Tetrachloroben...	12.651	216	728437	36.19	ng		98
41) Hexachlorocyclopentadiene	12.628	237	296056	38.24	ng		97
43) 2,4,6-Trichlorophenol	12.893	196	481803	36.78	ng		100

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.969	196	501541	36.84	ng		98
46) 1,1'-Biphenyl	13.293	154	1609170	35.93	ng		99
47) 2-Chloronaphthalene	13.334	162	1332638	35.95	ng		99
48) 2-Nitroaniline	13.540	65	313630	36.59	ng		85
49) Acenaphthylene	14.187	152	1996044	36.04	ng		100
50) Dimethylphthalate	13.922	163	1661208	35.78	ng		99
51) 2,6-Dinitrotoluene	14.040	165	362790	36.65	ng		93
52) Acenaphthene	14.528	154	1212032	35.90	ng		99
53) 3-Nitroaniline	14.369	138	393781	36.55	ng		91
54) 2,4-Dinitrophenol	14.593	184	183231	38.12	ng		96
55) Dibenzofuran	14.869	168	1965889	35.96	ng		98
56) 4-Nitrophenol	14.693	139	286312	38.29	ng		92
57) 2,4-Dinitrotoluene	14.840	165	499686	36.93	ng		94
58) Fluorene	15.522	166	1568034	35.93	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.098	232	474024	37.10	ng		92
60) Diethylphthalate	15.293	149	1642776	36.18	ng		98
61) 4-Chlorophenyl-phenyle...	15.510	204	891499	36.14	ng		93
62) 4-Nitroaniline	15.540	138	422143	37.10	ng		94
63) Azobenzene	15.804	77	1228646	35.74	ng		95
65) 4,6-Dinitro-2-methylph...	15.610	198	271453	36.86	ng		96
66) n-Nitrosodiphenylamine	15.728	169	1388181	35.41	ng		100
67) 4-Bromophenyl-phenylether	16.410	248	609466	36.06	ng		95
68) Hexachlorobenzene	16.534	284	725755	35.95	ng		93
69) Atrazine	16.687	200	501351	36.36	ng		97
70) Pentachlorophenol	16.881	266	336021	37.09	ng		96
71) Phenanthrene	17.269	178	2576055	35.54	ng		100
72) Anthracene	17.357	178	2512518	35.77	ng		100
73) Carbazole	17.634	167	2333940	35.65	ng		99
74) Di-n-butylphthalate	18.181	149	2784490	35.19	ng		99
75) Fluoranthene	19.239	202	3172056	35.96	ng		100
77) Benzidine	19.416	184	1274325	36.19	ng		99
78) Pyrene	19.592	202	3210900	35.06	ng		100
80) Butylbenzylphthalate	20.463	149	1297526	35.03	ng		95
81) Benzo(a)anthracene	21.304	228	3265156	35.66	ng		100
82) 3,3'-Dichlorobenzidine	21.233	252	1186684	35.96	ng		98
83) Chrysene	21.357	228	3073261	35.27	ng		99
84) Bis(2-ethylhexyl)phtha...	21.227	149	1834072	34.67	ng	#	98
85) Di-n-octyl phthalate	22.133	149	3145180	35.02	ng	#	97
87) Indeno(1,2,3-cd)pyrene	26.104	276	4138646	37.01	ng		96
88) Benzo(b)fluoranthene	22.963	252	3544119	37.79	ng		98
89) Benzo(k)fluoranthene	23.010	252	3223207	36.04	ng		98
90) Benzo(a)pyrene	23.574	252	3211255	36.71	ng		98
91) Dibenzo(a,h)anthracene	26.115	278	3415635	37.02	ng	#	97
92) Benzo(g,h,i)perylene	26.845	276	3331530	36.66	ng		96

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

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