Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062921\
Data File : BP006100.D
Acq On : 29 Jun 2021 20:19
Operator : CG/JU
Sample : M2885-01MS
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : 26644MS

Quant Time: Jun 30 01:13:24 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 28 11:34:30 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.899	152	79657	20.000	ng		0.00
21) Naphthalene-d8	10.705	136	282639	20.000	ng		0.00
39) Acenaphthene-d10	14.534	164	161301	20.000	ng		0.00
64) Phenanthrene-d10	17.287	188	313149	20.000	ng		# 0.00
76) Chrysene-d12	21.363	240	406480	20.000	ng		# 0.00
86) Perylene-d12	23.757	264	467916	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.481	112	366655	73.860	ng		0.00
7) Phenol-d6	7.081	99	434236	67.487	ng		0.00
23) Nitrobenzene-d5	9.069	82	273499	47.442	ng		0.00
42) 2,4,6-Tribromophenol	16.034	330	221291	79.945	ng		0.00
45) 2-Fluorobiphenyl	13.157	172	622494	50.676	ng		0.00
79) Terphenyl-d14	19.839	244	1110052	51.136	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.346	88	98349	43.852	ng		98
3) Pyridine	3.758	79	237386	45.035	ng		97
4) n-Nitrosodimethylamine	3.670	42	100852	41.161	ng	#	78
6) Aniline	7.228	93	291323	40.555	ng		98
8) 2-Chlorophenol	7.469	128	268313	47.140	ng		99
9) Benzaldehyde	7.046	77	151351	55.178	ng		95
10) Phenol	7.111	94	304496	47.372	ng		98
11) bis(2-Chloroethyl)ether	7.328	93	240267	49.329	ng		99
12) 1,3-Dichlorobenzene	7.787	146	305661	48.027	ng		98
13) 1,4-Dichlorobenzene	7.934	146	311504	47.994	ng		100
14) 1,2-Dichlorobenzene	8.252	146	293823	47.360	ng		98
15) Benzyl Alcohol	8.152	79	222677	45.947	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.440	45	206100	45.775	ng		99
17) 2-Methylphenol	8.358	107	201126	45.924	ng		98
18) Hexachloroethane	8.975	117	113874	48.503	ng		98
19) n-Nitroso-di-n-propyla...	8.716	70	173792	43.905	ng		94
20) 3+4-Methylphenols	8.693	107	269170	45.500	ng		97
22) Acetophenone	8.734	105	366075	49.208	ng	#	97
24) Nitrobenzene	9.110	77	262656	43.876	ng		100
25) Isophorone	9.640	82	444362	41.739	ng		99
26) 2-Nitrophenol	9.822	139	139034	48.676	ng		95
27) 2,4-Dimethylphenol	9.887	122	222808	52.361	ng		99
28) bis(2-Chloroethoxy)met...	10.116	93	278132	50.057	ng		100
29) 2,4-Dichlorophenol	10.363	162	230981	45.168	ng		98
30) 1,2,4-Trichlorobenzene	10.569	180	262254	45.641	ng		100
31) Naphthalene	10.757	128	756586	46.265	ng		99
32) Benzoic acid	10.087	122	144913	45.788	ng		99
33) 4-Chloroaniline	10.875	127	170785	25.851	ng		99
34) Hexachlorobutadiene	11.034	225	176053	45.298	ng		99
35) Caprolactam	11.693	113	69974	47.505	ng		98
36) 4-Chloro-3-methylphenol	12.010	107	235885	45.428	ng		96
37) 2-Methylnaphthalene	12.363	142	524337	45.033	ng		99
38) 1-Methylnaphthalene	12.581	142	488301	44.524	ng		99
40) 1,2,4,5-Tetrachloroben...	12.734	216	281058	49.502	ng		99
41) Hexachlorocyclopentadiene	12.704	237	217243	76.418	ng		96
43) 2,4,6-Trichlorophenol	12.981	196	179926	46.202	ng		98

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Instrument : BNA_P
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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.063	196	192872	45.987	ng		95
46) 1,1'-Biphenyl	13.369	154	626746	48.191	ng		99
47) 2-Chloronaphthalene	13.416	162	502268	47.295	ng		99
48) 2-Nitroaniline	13.628	65	141444	50.655	ng		94
49) Acenaphthylene	14.257	152	768855	47.189	ng		99
50) Dimethylphthalate	13.998	163	599217	45.182	ng		99
51) 2,6-Dinitrotoluene	14.122	165	136496	45.282	ng		92
52) Acenaphthene	14.598	154	459331	46.424	ng		99
53) 3-Nitroaniline	14.451	138	119468	40.892	ng	#	96
54) 2,4-Dinitrophenol	14.669	184	118941	67.172	ng		98
55) Dibenzofuran	14.934	168	720297	44.267	ng		98
56) 4-Nitrophenol	14.787	139	216368	91.368	ng	#	84
57) 2,4-Dinitrotoluene	14.910	165	172141	42.697	ng		95
58) Fluorene	15.587	166	576192	45.448	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.169	232	163390	44.203	ng	#	93
60) Diethylphthalate	15.357	149	604178	45.406	ng		96
61) 4-Chlorophenyl-phenyle...	15.575	204	301743	45.899	ng		98
62) 4-Nitroaniline	15.616	138	120539	40.085	ng		96
63) Azobenzene	15.869	77	513653	42.669	ng		94
65) 4,6-Dinitro-2-methylph...	15.681	198	74245	32.263	ng	#	63
66) n-Nitrosodiphenylamine	15.792	169	497439	47.902	ng		98
67) 4-Bromophenyl-phenylether	16.475	248	199436	49.619	ng		97
68) Hexachlorobenzene	16.598	284	254122	52.747	ng		99
69) Atrazine	16.757	200	197510	61.133	ng		89
70) Pentachlorophenol	16.945	266	295159	110.183	ng		98
71) Phenanthrene	17.334	178	917959	48.812	ng		96
72) Anthracene	17.422	178	930115	50.253	ng		97
73) Carbazole	17.698	167	841976	47.382	ng		95
74) Di-n-butylphthalate	18.239	149	1084823	52.691	ng		98
75) Fluoranthene	19.298	202	1185318	51.900	ng		98
77) Benzidine	19.475	184	491347	58.092	ng	#	88
78) Pyrene	19.651	202	1231359	43.393	ng		98
80) Butylbenzylphthalate	20.504	149	558525	47.841	ng		98
81) Benzo(a)anthracene	21.345	228	1345017	45.839	ng		99
82) 3,3'-Dichlorobenzidine	21.280	252	221152	21.801	ng	#	95
83) Chrysene	21.404	228	1333163	46.910	ng		99
84) Bis(2-ethylhexyl)phtha...	21.257	149	865284	50.536	ng		98
85) Di-n-octyl phthalate	22.174	149	1584799	51.740	ng		99
87) Indeno(1,2,3-cd)pyrene	26.292	276	1924761	48.102	ng		98
88) Benzo(b)fluoranthene	23.027	252	1576354	49.187	ng		99
89) Benzo(k)fluoranthene	23.074	252	1508782	48.550	ng	#	99
90) Benzo(a)pyrene	23.657	252	1506379	49.996	ng		99
91) Dibenzo(a,h)anthracene	26.304	278	1665995	48.374	ng		98
92) Benzo(g,h,i)perylene	27.068	276	1642579	48.281	ng		98

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

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