Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP061621\
Data File : BP005943.D
Acq On : 16 Jun 2021 10:38
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SSTDCCC040

Quant Time: Jun 16 11:35:59 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 16 11:35:30 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.928	152	78489	20.000	ng	0.00
21) Naphthalene-d8	10.734	136	305795	20.000	ng	0.00
39) Acenaphthene-d10	14.557	164	192117	20.000	ng	0.00
64) Phenanthrene-d10	17.304	188	388587	20.000	ng	0.00
76) Chrysene-d12	21.380	240	442213	20.000	ng	0.00
86) Perylene-d12	23.792	264	491447	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.499	112	426445	87.182	ng	0.00
7) Phenol-d6	7.104	99	571272	90.106	ng	0.00
23) Nitrobenzene-d5	9.093	82	514427	82.476	ng	0.00
42) 2,4,6-Tribromophenol	16.051	330	285864	86.708	ng	0.00
45) 2-Fluorobiphenyl	13.187	172	1209094	82.642	ng	0.00
79) Terphenyl-d14	19.857	244	2004578	84.881	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.369	88	88321	39.967	ng	98
3) Pyridine	3.781	79	247341	47.622	ng	98
4) n-Nitrosodimethylamine	3.687	42	95138	39.407	ng	88
6) Aniline	7.257	93	323249	45.669	ng	99
8) 2-Chlorophenol	7.493	128	249371	44.464	ng	99
9) Benzaldehyde	7.069	77	124844	46.192	ng	98
10) Phenol	7.128	94	286989	45.313	ng	98
11) bis(2-Chloroethyl)ether	7.352	93	214474	44.688	ng	98
12) 1,3-Dichlorobenzene	7.816	146	272202	43.406	ng	99
13) 1,4-Dichlorobenzene	7.963	146	277402	43.376	ng	99
14) 1,2-Dichlorobenzene	8.281	146	265464	43.426	ng	97
15) Benzyl Alcohol	8.175	79	212610	44.523	ng	95
16) 2,2'-oxybis(1-Chloropr...	8.463	45	185214	41.748	ng	97
17) 2-Methylphenol	8.381	107	196586	45.556	ng	97
18) Hexachloroethane	9.010	117	98290	42.489	ng	95
19) n-Nitroso-di-n-propyla...	8.746	70	176778	45.324	ng	94
20) 3+4-Methylphenols	8.710	107	269525	46.238	ng	98
22) Acetophenone	8.757	105	343620	42.692	ng	98
24) Nitrobenzene	9.140	77	265829	41.043	ng	99
25) Isophorone	9.663	82	487227	42.300	ng	100
26) 2-Nitrophenol	9.851	139	135649	43.895	ng	93
27) 2,4-Dimethylphenol	9.910	122	194389	42.223	ng	97
28) bis(2-Chloroethoxy)met...	10.145	93	261429	43.488	ng	98
29) 2,4-Dichlorophenol	10.387	162	232271	41.981	ng	99
30) 1,2,4-Trichlorobenzene	10.598	180	257366	41.399	ng	98
31) Naphthalene	10.781	128	749517	42.362	ng	99
32) Benzoic acid	10.081	122	142775	42.261	ng	97
33) 4-Chloroaniline	10.898	127	311873	43.633	ng	100
34) Hexachlorobutadiene	11.069	225	174265	41.443	ng	94
35) Caprolactam	11.704	113	71223	44.691	ng	98
36) 4-Chloro-3-methylphenol	12.028	107	247197	44.002	ng	97
37) 2-Methylnaphthalene	12.392	142	533294	42.334	ng	99
38) 1-Methylnaphthalene	12.610	142	505016	42.561	ng	99
40) 1,2,4,5-Tetrachloroben...	12.757	216	279417	41.319	ng	99
41) Hexachlorocyclopentadiene	12.734	237	117788	37.786	ng	96
43) 2,4,6-Trichlorophenol	12.998	196	187922	40.515	ng	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.075	196	207345	41.508	ng	97
46) 1,1'-Biphenyl	13.398	154	639342	41.274	ng	100
47) 2-Chloronaphthalene	13.439	162	521679	41.243	ng	98
48) 2-Nitroaniline	13.645	65	143072	43.019	ng	97
49) Acenaphthylene	14.281	152	807945	41.635	ng	100
50) Dimethylphthalate	14.022	163	663086	41.978	ng	100
51) 2,6-Dinitrotoluene	14.139	165	151265	42.132	ng	99
52) Acenaphthene	14.622	154	489299	41.520	ng	99
53) 3-Nitroaniline	14.469	138	149437	42.945	ng	96
54) 2,4-Dinitrophenol	14.681	184	98402	48.139	ng	98
55) Dibenzofuran	14.957	168	788275	40.674	ng	99
56) 4-Nitrophenol	14.786	139	114951	40.755	ng	94
57) 2,4-Dinitrotoluene	14.928	165	206290	42.960	ng	99
58) Fluorene	15.604	166	625543	41.426	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.104	232	177057	40.217	ng	99
60) Diethylphthalate	15.381	149	663014	41.835	ng	100
61) 4-Chlorophenyl-phenyle...	15.598	204	320873	40.979	ng	98
62) 4-Nitroaniline	15.633	138	155840	43.511	ng	97
63) Azobenzene	15.892	77	579927	40.447	ng	97
65) 4,6-Dinitro-2-methylph...	15.692	198	115390	40.408	ng	97
66) n-Nitrosodiphenylamine	15.816	169	547881	42.517	ng	98
67) 4-Bromophenyl-phenylether	16.492	248	212765	42.659	ng	97
68) Hexachlorobenzene	16.610	284	255390	42.719	ng	98
69) Atrazine	16.769	200	147789	36.863	ng	98
70) Pentachlorophenol	16.957	266	141929	42.697	ng	98
71) Phenanthrene	17.351	178	979528	41.974	ng	100
72) Anthracene	17.439	178	974317	42.422	ng	99
73) Carbazole	17.710	167	936480	42.469	ng	100
74) Di-n-butylphthalate	18.257	149	1127052	44.115	ng	100
75) Fluoranthene	19.310	202	1200601	42.364	ng	98
77) Benzidine	19.486	184	380709	41.374	ng	100
78) Pyrene	19.663	202	1253463	40.602	ng	99
80) Butylbenzylphthalate	20.527	149	549055	43.230	ng	97
81) Benzo(a)anthracene	21.363	228	1327457	41.585	ng	100
82) 3,3'-Dichlorobenzidine	21.298	252	474764	43.019	ng	98
83) Chrysene	21.415	228	1294791	41.878	ng	99
84) Bis(2-ethylhexyl)phtha...	21.280	149	807466	43.349	ng	99
85) Di-n-octyl phthalate	22.204	149	1449637	43.503	ng	99
87) Indeno(1,2,3-cd)pyrene	26.339	276	1786293	42.504	ng	99
88) Benzo(b)fluoranthene	23.057	252	1480462	43.983	ng	100
89) Benzo(k)fluoranthene	23.104	252	1407206	43.114	ng	99
90) Benzo(a)pyrene	23.686	252	1376939	43.512	ng	99
91) Dibenzo(a,h)anthracene	26.351	278	1530809	42.321	ng	99
92) Benzo(g,h,i)perylene	27.121	276	1485548	41.574	ng	98

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

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