Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081921\
Data File : BP006771.D
Acq On : 19 Aug 2021 09:12
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SSTDCCC040

Quant Time: Aug 19 11:07:15 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP080321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 16 18:17:59 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.699	152	168383	20.000	ng		0.00
21) Naphthalene-d8	10.481	136	711722	20.000	ng		#-0.01
39) Acenaphthene-d10	14.339	164	405883	20.000	ng		0.00
64) Phenanthrene-d10	17.098	188	795962	20.000	ng		# 0.00
76) Chrysene-d12	21.210	240	756335	20.000	ng		# 0.00
86) Perylene-d12	23.521	264	803271	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.299	112	818953	74.703	ng		0.00
7) Phenol-d6	6.881	99	1118601	71.830	ng		0.00
23) Nitrobenzene-d5	8.857	82	1117035	72.443	ng		0.00
42) 2,4,6-Tribromophenol	15.839	330	319261	75.263	ng		0.00
45) 2-Fluorobiphenyl	12.963	172	1941399	71.562	ng		0.00
79) Terphenyl-d14	19.686	244	2784671	73.775	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.246	88	175530	36.777	ng		95
3) Pyridine	3.640	79	491501	35.037	ng		99
4) n-Nitrosodimethylamine	3.558	42	177155	33.459	ng	#	79
6) Aniline	7.034	93	595685	35.214	ng		95
8) 2-Chlorophenol	7.263	128	439443	37.047	ng		93
9) Benzaldehyde	6.852	77	322115	34.366	ng		93
10) Phenol	6.910	94	552208	35.363	ng		99
11) bis(2-Chloroethyl)ether	7.134	93	419039	35.341	ng		92
12) 1,3-Dichlorobenzene	7.581	146	458068	37.053	ng		96
13) 1,4-Dichlorobenzene	7.728	146	465943	37.137	ng		97
14) 1,2-Dichlorobenzene	8.040	146	448343	37.240	ng		96
15) Benzyl Alcohol	7.946	79	405628	34.733	ng		94
16) 2,2'-oxybis(1-Chloropr...	8.234	45	472941	33.519	ng		95
17) 2-Methylphenol	8.146	107	363339	36.849	ng		97
18) Hexachloroethane	8.763	117	192196	38.702	ng		90
19) n-Nitroso-di-n-propyla...	8.510	70	374054	35.802	ng	#	94
20) 3+4-Methylphenols	8.475	107	496196	36.972	ng		97
22) Acetophenone	8.522	105	675490	35.789	ng	#	98
24) Nitrobenzene	8.899	77	571610	35.662	ng		92
25) Isophorone	9.428	82	996846	35.993	ng		96
26) 2-Nitrophenol	9.604	139	228148	39.112	ng		93
27) 2,4-Dimethylphenol	9.669	122	350811	35.914	ng		96
28) bis(2-Chloroethoxy)met...	9.910	93	518939	35.020	ng		98
29) 2,4-Dichlorophenol	10.134	162	367463	37.157	ng		94
30) 1,2,4-Trichlorobenzene	10.346	180	383389	36.078	ng		97
31) Naphthalene	10.528	128	1364316	35.674	ng		99
32) Benzoic acid	9.828	122	275893	36.510	ng		90
33) 4-Chloroaniline	10.651	127	546711	35.326	ng	#	94
34) Hexachlorobutadiene	10.810	225	232397	37.529	ng		99
35) Caprolactam	11.463	113	128918	36.152	ng	#	72
36) 4-Chloro-3-methylphenol	11.787	107	466116	37.097	ng		90
37) 2-Methylnaphthalene	12.145	142	921284	35.550	ng		99
38) 1-Methylnaphthalene	12.369	142	873158	35.455	ng		100
40) 1,2,4,5-Tetrachloroben...	12.516	216	381816	35.942	ng	#	95
41) Hexachlorocyclopentadiene	12.492	237	189058	33.555	ng		98
43) 2,4,6-Trichlorophenol	12.769	196	274850	37.892	ng		96

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.840	196	297397	37.040	ng	#	89
46) 1,1'-Biphenyl	13.169	154	1095570	35.661	ng		97
47) 2-Chloronaphthalene	13.210	162	845843	35.753	ng		93
48) 2-Nitroaniline	13.428	65	304479	36.468	ng		86
49) Acenaphthylene	14.063	152	1376223	36.076	ng		100
50) Dimethylphthalate	13.816	163	1054863	35.704	ng		99
51) 2,6-Dinitrotoluene	13.934	165	236594	35.887	ng	#	74
52) Acenaphthene	14.404	154	823916	35.488	ng		97
53) 3-Nitroaniline	14.263	138	260456	35.636	ng		82
54) 2,4-Dinitrophenol	14.469	184	120925	35.075	ng	#	76
55) Dibenzofuran	14.739	168	1283653	35.151	ng		92
56) 4-Nitrophenol	14.575	139	228418	35.993	ng	#	86
57) 2,4-Dinitrotoluene	14.722	165	327450	37.036	ng	#	74
58) Fluorene	15.392	166	1030653	35.310	ng		99
59) 2,3,4,6-Tetrachlorophenol	14.975	232	247582	36.795	ng	#	68
60) Diethylphthalate	15.186	149	1128225	36.357	ng		97
61) 4-Chlorophenyl-phenyle...	15.398	204	470719	35.610	ng		89
62) 4-Nitroaniline	15.428	138	271721	35.036	ng		94
63) Azobenzene	15.686	77	1327936	36.704	ng		92
65) 4,6-Dinitro-2-methylph...	15.486	198	174448	35.869	ng		69
66) n-Nitrosodiphenylamine	15.616	169	882319	35.267	ng		99
67) 4-Bromophenyl-phenylether	16.292	248	277389	36.321	ng	#	83
68) Hexachlorobenzene	16.398	284	308905	35.543	ng	#	87
69) Atrazine	16.581	200	280808	35.969	ng		97
70) Pentachlorophenol	16.751	266	206867	37.515	ng		99
71) Phenanthrene	17.145	178	1591014	35.437	ng		100
72) Anthracene	17.233	178	1561374	35.990	ng		100
73) Carbazole	17.516	167	1551447	35.060	ng		98
74) Di-n-butylphthalate	18.080	149	1894947	37.587	ng		99
75) Fluoranthene	19.122	202	1777108	35.265	ng		94
77) Benzidine	19.316	184	631405	33.362	ng		99
78) Pyrene	19.474	202	1833732	36.298	ng		99
80) Butylbenzylphthalate	20.369	149	872595	39.280	ng		85
81) Benzo(a)anthracene	21.198	228	1786891	36.151	ng		100
82) 3,3'-Dichlorobenzidine	21.133	252	456089	35.147	ng	#	96
83) Chrysene	21.245	228	1726083	36.020	ng		99
84) Bis(2-ethylhexyl)phtha...	21.133	149	1292137	38.706	ng	#	95
85) Di-n-octyl phthalate	22.039	149	2250232	40.896	ng	#	95
87) Indeno(1,2,3-cd)pyrene	25.915	276	2136919	36.688	ng	#	90
88) Benzo(b)fluoranthene	22.821	252	1848815	35.414	ng	#	96
89) Benzo(k)fluoranthene	22.868	252	1772399	35.360	ng	#	96
90) Benzo(a)pyrene	23.421	252	1695146	36.201	ng	#	95
91) Dibenzo(a,h)anthracene	25.933	278	1846085	36.658	ng	#	94
92) Benzo(g,h,i)perylene	26.651	276	1782090	36.928	ng	#	91

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

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